

HUAQUAN
GENERATOR SET

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PRODUCT SELECTION GUIDE



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SHANDONG HUAQUAN POWER CO.,LTD

HUAQUAN



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Shandong Huaquan Power Co., Ltd. was founded in 2010, based in Weifang, facing the world. Adhering to the enterprise mission of "Let green energy spread all over the world", HUAQUAN company's industries involve high-end power generation equipment, new energy storage equipment, high and low voltage complete sets of equipment, power engineering and other fields, and has created three global brands "Huaquan", "HQ-POWER" and "Huaquan". At present, the company has developed into the world's leading brand in the field of power equipment, global sales leader, cumulative sales of more than 1 million units.

Huaquan Company has built a leading digital full value chain M2C business model and created a comprehensive sales channel of "domestic + foreign" and "online + offline". Since 2010, the high-end power generation equipment, new energy storage equipment and high and low voltage complete equipment developed and produced by the company have been selling well on Amazon, Alibaba, Aliexpress, Taobao, Tmall, Jingdong and other platforms. The sales volume of products has been in the forefront of the industry for a long time, and the brand's global influence continues to increase.

Huaquan Power attaches great importance to research and development innovation, and deepens production-university-research cooperation, mastering several core technologies in the field of power equipment. Up to now, we have been certified with more than 180 national intellectual property certificates, including 14 invention patents, 44 utility model patents, 27 appearance design patents, 43 software copyrights, 11 integrated circuit layout design rights.

Meanwhile, Huaquan Power has received many honors, 3 for national, 4 for provincial, and 3 for municipal. Among them, there are some representative honors, including National High-Tech Enterprises, National Professional Precise Characteristic Creative “Little Giant” Enterprises, National Intellectual Property Advantage Enterprises, Shandong Gazelle Enterprises, Shandong High-End Equipment Manufacturing Industry Leading Enterprises, Shandong Manufacturing Industry Single Champion Enterprises, Weifang “Invisible Champion” Enterprises and Weifang Intellectual Manufacturing Benchmark Enterprises.

Strict Control on Quality

The standard quality control system is applied in the overall process from product development to production, which aims to ensure good quality in the process of components purchase, generator sets production, assembly, and ex-factory test.

After-Sales Service Network and Technical Support

A massive after-sales service network is established, which covers more than 60 countries and regions all over the world. We promise to respond to customer needs within 5 minutes, to support at 7*24 hours, and to consult with customers in time, which ranges from general malfunction to difficult. Meanwhile, service conditions are available for chasing the whole process.



Huaquan Electric Power R&D Center



Quality management system certification Health management system certification Environmental management system certification European CE certification

Overview of Huaquan Generator Sets

Huaquan generator sets are designed by a professional team, with rich configurations, high reliability and excellent performance, and can provide you with complete power product solutions.

The power range of Huaquan generator sets is 10-3000kW. The units use KMS, WC, and YC series professional power generation engines. The manufacturing and testing of the units are in accordance with the GB/T2820 standard and can meet YD/T502, GJ5785 and other industry standards. It can be used as a fixed power supply. Or emergency backup power supply, widely used in communications, oil and gas fields, industrial and mining enterprises, hospitals, schools, agriculture, forestry, animal husbandry and fishery, big data centers and other fields. Customers can choose K (ordinary open frame), KY (base oil tank open frame), J (silent box), X (container power station), TF (trailer power station), Q (automotive power station) structure according to their needs.

Conventional Set



ordinary open frame K



base oil tank open frame KY

Silent Set



silent box J



container power station X

Mobile Power Station



automobile power station Q



trailer power station TF



Features of KMS Series Generator Sets

Fuel Injection System

Higher fuel economy and better emission capacity are powered by exclusive HPI-PT fuel system. The length of the fuel oil pipe has been decreased and injection pressure has been boosted with the variable fuel timing technology, which has greatly decreased the fuel oil consumption of HPI-TP and the emission of pollutants like oxynitride.

Advanced Electric Generator Control System

The system applies an electronic sensor to make a microprocessing on the generator control system, which enhances the durability, fuel efficiency and output efficiency of the generator by adjusting, and optimizing the parameters. Meanwhile, that can obviously decrease the emission of oxynitride (NOx) and particulate matter (PM).

Fuel Filter System

It is equipped with high precise paper-based filter.

Engine Oil Filter System

It is a high precise paper-based lubricant filter with a bypass diversion design.

Application Fields of KMS Open Frame Generator Sets

POWER RANGE: 20kW-1500kW

APPLICATION FIELDS:

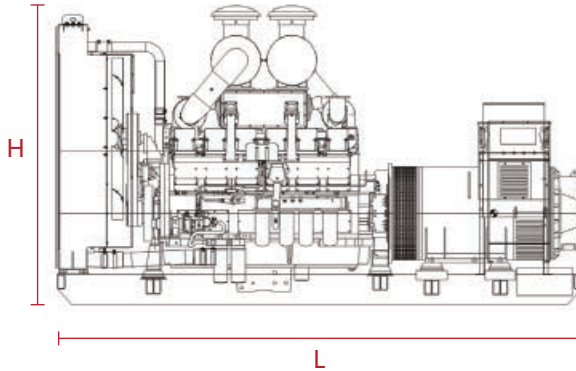
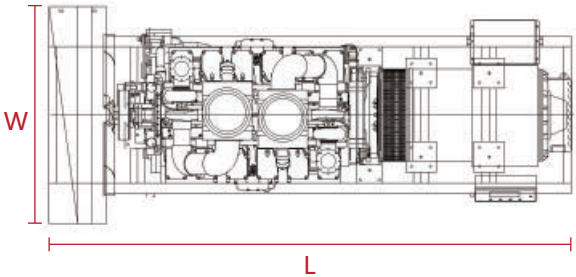
It is widely used in large data centers, large and medium-sized factories, schools, precise electronics and other large industrial enterprises, airport hubs, high-rise buildings and other fields.

Dimensions and Weights of KMS Open Frame Generator Sets

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	OUTER DIMENSIONS			WEIGHT (kg)
				L (mm)	W (mm)	H (mm)	
K, KY	HQ20GF	KMS	4B3.9-G2	1450	600	1300	
K, KY	HQ25GF	KMS	4B3.9-G12	1450	600	1300	
K, KY	HQ30GF	KMS	QSB3.9-G33	1450	600	1370	
K, KY	HQ50GF	KMS	4BTA3.9-G2	1800	780	1370	
K, KY	HQ60GF	KMS	4BTA3.9-G11	1800	940	1460	
K, KY	HQ75GF	KMS	4BTA3.9-G13	2000	940	1460	
K, KY	HQ100GF	KMS	QSB5.9-G30	2120	940	1460	
K, KY	HQ120GF	KMS	QSB5.9-G31	2370	940	1508	
K, KY	HQ150GF	KMS	QSB5.9-G33	2370	940	1508	
K, KY	HQ150GF	KMS	QSB6.7-G32	2370	940	1508	
K, KY	HQ200GF	KMS	6LTAA8.9-G2	2900	1090	1663	
K, KY	HQ200GF	KMS	6LTAA9.5-G3	2900	1090	1681	
K, KY	HQ250GF	KMS	6LTAA9.5-G1	2900	1090	1681	
K, KY	HQ300GF	KMS	6ZTAA13-G3	2900	1090	1971	
K, KY	HQ350GF	KMS	6ZTAA13-G2	3100	1200	1971	
K, KY	HQ400GF	KMS	QSZ13-G3	3120	1200	1998	

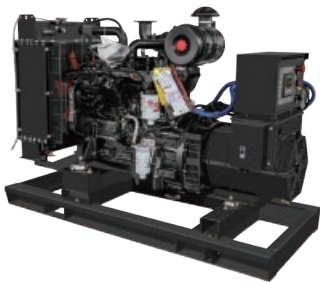
STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	OUTER DIMENSIONS			WEIGHT (kg)
				L (mm)	W (mm)	H (mm)	
K, KY	HQ450GF	KMS	QSZ13-G10	3500	1500	1998	
K, KY	HQ500GF	KMS	KTA19-G8A	3500	1500	2130	
K, KY	HQ600GF	KMS	QSK19-G20	3500	1500	2300	
K, KY	HQ700GF	KMS	QSK19-G21	4500	1700	2443	
K, KY	HQ800GF	KMS	KTA38-G5	4500	1700	2443	
K, KY	HQ900GF	KMS	KTA38-G9E	4500	1700	2486	
K, KY	HQ1000GF	KMS	KTA50-G3	4800	2200	2486	
K, KY	HQ1100GF	KMS	KTA50-G7E	5300	2100	2486	
K, KY	HQ1200GF	KMS	QSK38-G14	5600	2200	2603	
K, KY	HQ1300GF	KMS	KTA50-G15	5600	2200	2603	
K, KY	HQ1500GF	KMS	KTA50-G16A	5760	2560	2753	

Note: Dimensions are for reference only. Please consult Huaquan application engineers for installation design.

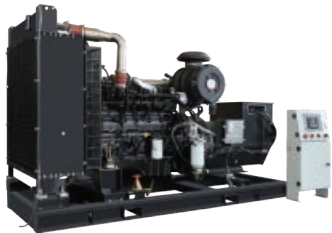


KMS Series Open Frame Generator Sets

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ20GF	KMS	4B3.9-G2	27.5	22	25	20
K、KY	HQ25GF	KMS	4B3.9-G12	35	27.5	31.3	25
K、KY	HQ50GF	KMS	4BTA3.9-G2	68.8	55	62.5	50
K、KY	HQ60GF	KMS	4BTA3.9-G11	82.5	66	75	60
K、KY	HQ75GF	KMS	4BTA3.9-G13	103.8	82.5	93.8	75



STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ30GF	KMS	QSB3.9-G33	41.3	33	37.5	30
K、KY	HQ100GF	KMS	QSB5.9-G30	137.5	110	125	100
K、KY	HQ120GF	KMS	QSB5.9-G31	165	132	150	120
K、KY	HQ150GF	KMS	QSB5.9-G33	206.3	165	187.5	150
K、KY	HQ150GF	KMS	QSB6.7-G32	206.3	165	187.5	150



STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ200GF	KMS	6LTAA8.9-G2	275	220	250	200
K、KY	HQ200GF	KMS	6LTAA9.5-G3	275	220	250	200
K、KY	HQ250GF	KMS	6LTAA9.5-G1	350	275	312.5	250



STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ300GF	KMS	6ZTAA13-G3	412.5	330	375	300
K、KY	HQ350GF	KMS	6ZTAA13-G2	481.3	385	437.5	350



KMS Series Open Frame Generator Sets

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ400GF	KMS	QSZ13-G3	550	440	500	400
K、KY	HQ450GF	KMS	QSZ13-G10	618.8	495	562.5	450
K、KY	HQ500GF	KMS	KTA19-G8A	687.5	550	625	500



STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ600GF	KMS	QSK19-G20	825	660	750	600
K、KY	HQ700GF	KMS	QSK19-G21	962.5	770	875	700



STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ800GF	KMS	KTA38-G5	1100	880	1000	800
K、KY	HQ900GF	KMS	KTA38-G9E	1237.5	990	1125	900
K、KY	HQ1000GF	KMS	KTA50-G3	1375	1100	1250	1000



STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ1100GF	KMS	KTA50-G7E	1500	1200	1375	1100
K、KY	HQ1200GF	KMS	QSK38-G14	1650	1320	1500	1200
K、KY	HQ1300GF	KMS	KTA50-G15	1812.5	1450	1625	1300
K、KY	HQ1500GF	KMS	KTA50-G16A	2062.5	1650	1875	1500



No.	STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	STANDBY POWER		NORMAL POWER		ENGINE MODEL	NORMAL POWER FOR ENGINE (kW)	CONTROLLER	BASE TANK (L)	SYSTEM VOLTAGE (V)	CYLINDER DIAMETER STROKE LENGTH (mm)	COMPRESSION RATIO	DISPLACEMENT (L)	FUEL CONSUMPTION (L/h)	LUBRICANT CAPACITY (L)	COOLING LIQUID CAPACITY (ENGINE) (L)	MAX AIR EXHAUST BACK PRESSURE (kPa)	COOLING-AIR FLOW RATE (m³/s)	AIR COMBUSTION RATE (m³/s)	GENERATOR MODEL	GENERATOR EXCITATION MODE	STANDARD WATER TANK VOLUME (L)	MIN AIR INTAKE AREA (m²)	MIN AIR EXHAUST AREA (m²)	WATER TANK AIR EXHAUSTER DIMENSION (mmxmm)	SET SERIES	GENERATOR SET MODE
				(kVA)	(kW)	(kVA)	(kW)																						
1	K、KY	HQ20GF	KMS	27.5	22	25	20	4B3.9-G11	20			24	102*120	17.3:1	3.9	5.7	10.9	7.2	10	1		HQF-20	self-excitation	8			625*508*899	KMS	HQ20GF
2	K、KY	HQ20GF	KMS	27.5	22	25	20	4B3.9-G1	24			24	102*120	17.3:1	3.9	7.1	10.9	7.2	76	1		HQF-20	self-excitation	8			625*508*899	KMS	HQ20GF
3	K、KY	HQ20GF	KMS	27.5	22	25	20	4B3.9-G2	24			24	102*120	17.3:1	3.9	6.7	10.9	7.2	10	1		HQF-20	self-excitation	8			625*508*899	KMS	HQ20GF
4	K、KY	HQ20GF	KMS	27.5	22	25	20	QSB3.9-G31	25			24	102*120	17.3:1	3.9	6.1	10.9	7.2	10	2.1		HQF-20	self-excitation	14			700*464*926	KMS	HQ20GF
5	K、KY	HQ25GF	KMS	35	27.5	31.3	25	4B3.9-G12	27			24	102*120	17.3:1	3.9	7.4	10.9	7.2	10	1		HQF-25	self-excitation	8			625*508*899	KMS	HQ25GF
6	K、KY	HQ30GF	KMS	41.3	33	37.5	30	4BT3.9-G1	36		70	24	102*120	17.3:1	3.9	10	10.9	7.2	76	1.4		HQF-30	self-excitation	11.8			730*495*876	KMS	HQ30GF
7	K、KY	HQ30GF	KMS	41.3	33	37.5	30	4BT3.9-G2	36		70	24	102*120	17.3:1	3.9	9.3	10.9	7.2	10	1.4		HQF-30	self-excitation	11.8			730*495*876	KMS	HQ30GF
8	K、KY	HQ30GF	KMS	41.3	33	37.5	30	QSB3.9-G33	36		70	24	102*120	17.3:1	3.9	8.8	10.9	7.2	10	2.1		HQF-30	self-excitation	14			700*464*926	KMS	HQ30GF
9	K、KY	HQ50GF	KMS	68.8	55	62.5	50	B3.9CS4-GT3	50		70	24	102*120	17.3:1	3.9		10.9	10	40			HQF-50	self-excitation				700*464*926	KMS	HQ50GF
10	K、KY	HQ50GF	KMS	68.8	55	62.5	50	4BTA3.9-G2	50		100	24	102*120	17.3:1	3.9	12.9	10.9	8.3	10	2.1	0.05	HQF-50	self-excitation	13.6	0.44	0.3	730*512*990	KMS	HQ50GF
11	K、KY	HQ50GF	KMS	68.8	55	62.5	50	4BTA3.9-G2	58		100	24	102*120	17.3:1	3.9	12.9	10.9	8.3	10	2.1	0.05	HQF-50	self-excitation	13.6	0.44	0.3	730*512*990	KMS	HQ50GF
12	K、KY	HQ60GF	KMS	82.5	66	75	60	4BTA3.9-G11	70			24	102*120	17.3:1	3.9	17.6	10.9	8.3	10	2.5		HQF-60	self-excitation	13.6			730*512*990	KMS	HQ60GF
13	K、KY	HQ50GF	KMS	68.8	55	62.5	50	QSB3.9-G35	58			24	102*120	17.3:1	3.9	14.2	10.9	7.2	10	2.1		HQF-50	self-excitation	14			700*464*926	KMS	HQ50GF
14	K、KY	HQ60GF	KMS	82.5	66	75	60	QSB3.9-G2	63			24	102*120	17.3:1	3.9	18	10.9	19-27		2.3		HQF-60	self-excitation	20			730*1098*926	KMS	HQ60GF
15	K、KY	HQ60GF	KMS	82.5	66	75	60	B3.9CS4-GT1	83			24	102*120	17.3:1	3.9		10.9	10	40			HQF-60	self-excitation					KMS	HQ60GF
16	K、KY	HQ60GF	KMS	82.5	66	75	60	B3.9CS4-GT2	73			24	102*120	17.3:1	3.9		10.9	10	40			HQF-60	self-excitation					KMS	HQ60GF
17	K、KY	HQ75GF	KMS	103.8	82.5	93.8	75	4BTA3.9-G13	87			24	102*120	17.3:1	3.9	18.8	10.9	7.2	10	3.9		HQF-75	self-excitation	17			730*512*1080	KMS	HQ75GF
18	K、KY	HQ75GF	KMS	103.8	82.5	93.8	75	6BT5.9-G1	86			24	102*120	17.3:1	5.9	21.7	16	7.9	10	2.5	0.1	HQF-75	self-excitation	14.5	1.11	0.74	730*570*993	KMS	HQ75GF
19	K、KY	HQ75GF	KMS	103.8	82.5	93.8	75	6BT5.9-G2	86			24	102*120	17.3:1	5.9	22	16	7.9	10	2.5		HQF-75	self-excitation	14.5			730*570*993	KMS	HQ75GF
20	K、KY	HQ75GF	KMS	103.8	82.5	93.8	75	B5.9CS4-GT3	86		170	24	107*124	17.3:1	5.9		16.4	10	40			HQF-75	self-excitation					KMS	HQ75GF
21	K、KY	HQ75GF	KMS	103.8	82.5	93.8	75	4BTAA3.9-G3	96			24	102*120	17.3:1	3.9	24.7	10.9	7.2	10	3.2		HQF-75	self-excitation	17			682*580*975	KMS	HQ75GF
22	K、KY	HQ75GF	KMS	103.8	82.5	93.8	75	6BT5.9-G2	96			24	102*120	17.3:1	5.9	22	10.9	7.9	10	2.5		HQF-75	self-excitation	14.5			730*570*993	KMS	HQ75GF
23	K、KY	HQ75GF	KMS	103.8	82.5	93.8	75	QSB3.9-G3	79			24	102*120	17.3:1	3.9	20	10.9	7.2	10	2.3		HQF-75	self-excitation	20			730*1098*926	KMS	HQ75GF
24	K、KY	HQ75GF	KMS	103.8	82.5	93.8	75	QSB3.9-G37	84			24	102*120	17.3:1	3.9	19.8	10.9	7.2	10	2.9		HQF-75	self-excitation	17			697*580*974	KMS	HQ75GF
25	K、KY	HQ75GF	KMS	103.8	82.5	93.8	75	QSB5.9-G2	96			24	102*120	17.3:1	5.9	26	16.4	9	10	5		HQF-75	self-excitation	26.3			865*925*1088	KMS	HQ75GF
26	K、KY	HQ100GF	KMS	137.5	110	125	100	QSB3.9-G39	100		170	24	102*120	17.3:1	3.9	23.6	10.9	7.2	10	2.9		HQF-100	self-excitation	17			697*580*974	KMS	HQ100GF
27	K、KY	HQ100GF	KMS	137.5	110	125	100	B5.9CS4-GT2	107		170	24	107*124	17.3:1	5.9		16.4	10	40			HQF-100	self-excitation					KMS	HQ100GF
28	K、KY	HQ100GF	KMS	137.5	110	125	100	6BTA5.9-G2	106		170	24	102*120	17.3:1	5.9	27	16	10	10	3.4	0.1	HQF-100	self-excitation	15.9	1.11	0.74	785*570*1042	KMS	HQ100GF
29	K、KY	HQ100GF	KMS	137.5	110	125	100	QSB5.9-G30	115		170	24	102*120	17.3:1	5.9	27.7	16	7.2	10	7.5		HQF-100	self-excitation	21.5			945*577*1193	KMS	HQ100GF
30	K、KY	HQ100GF	KMS	137.5	110	125	100	B5.9CS4-GT1	129		170	24	107*124	17.3:1	5.9		16.4	10	40			HQF-100	self-excitation					KMS	HQ100GF
31	K、KY	HQ120GF	KMS	165	132	150	120	6BTAA5.9-G2	120			24	102*120	17.3:1	5.9	30	16	10	10	3.4		HQF-120	self-excitation	15.9			785*965*1008	KMS	HQ120GF
32	K、KY	HQ120GF	KMS	165	132	150	120	6BTAA5.9-G12	140			24	102*120	17.3:1	5.9	34	16	10	10	4.5		HQF-120	self-excitation	16.4			865*1006*1084	KMS	HQ120GF
33	K、KY	HQ120GF	KMS	165	132	150	120	QSB5.9-G3	120			24	102*120	17.3:1	5.9	31	16	9	10	5		HQF-120	self-excitation	26.3			865*925*1088	KMS	HQ120GF
34	K、KY	HQ120GF	KMS	165	132	150	120	QSB5.9-G31	132			24	102*120	17.3:1	5.9	31.5	16	7.2	10	7.5		HQF-120	self-excitation	21.5			945*577*1193	KMS	HQ120GF
35	K、KY	HQ150GF	KMS	206.3	165	187.5	150	6CTA8.3-G1	163		200	24	114*135	17.3:1	8.3	42	28	12.3	10	3.5		HQF-150	self-excitation	18.3			785*530*1153	KMS	HQ150GF
36	K、KY	HQ150GF	KMS	206.3	165	187.5	150	6CTA8.3-G2	163		200	24	114*135	17.3:1	8.3	42	28	12.3	10	3.5	0.21	HQF-150	self-excitation	18.3	1.66	1.11	785*530*1153	KMS	HQ150GF
37	K、KY	HQ180GF	KMS	247.5	198	225	180	6CTAA8.3-G2	183		200	24	114*135	17.3:1	8.3	45	28	12.3	10	4.4		HQF-180	self-excitation	21.2			945*1055*1193	KMS	HQ180GF
38	K、KY	HQ150GF	KMS	206.3	165	187.5	150	QSB5.9-G33	159		200	24	102*120	17.3:1	5.9	37.9	16	7.2	10	7.5		HQF-150	self-excitation	21.5			945*577*1193	KMS	HQ150GF
39	K、KY	HQ150GF	KMS	206.3	165	187.5	150	QSB6.7-G3	151		200	24	107*124	17.3:1	6.7	38	19.5	55.4	10	7.1		HQF-150	self-excitation	46			1100*945*1355	KMS	HQ150GF

NO.	STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	STANDBY POWER		NORMAL POWER		ENGINE MODEL	NORMAL POWER FOR ENGINE (kW)	CONTROLLER	BASE TANK (L)	SYSTEM VOLTAGE (V)	CYLINDER DIAMETER STROKE LENGTH (mm)	COMPRESSION RATIO	DISPLACEMENT (L)	FUEL CONSUMPTION (L/h)	LUBRICANT CAPACITY (L)	COOLING LIQUID CAPACITY (ENGINE) (L)	MAX AIR EXHAUST BACK PRESSURE (kPa)	COOLING-AIR FLOW RATE (m³/s)	AIR COMBUSTION RATE (m³/s)	GENERATOR MODEL	GENERATOR EXCITATION MODE	STANDARD WATER TANK VOLUME (L)	MIN AIR INTAKE AREA (m²)	MIN AIR EXHAUST AREA (m²)	WATER TANK AIR EXHAUSTER DIMENSION (mmxmm)	SET SERIES	GENERATOR SET MODE
				(kVA)	(kW)	(kVA)	(kW)																						
40	K、KY	HQ150GF	KMS	206.3	165	187.5	150	QSB6.7-G4	168		200	24	107*124	17.3:1	6.7	43	19.5	9.4	10	7.1		HQF-150	self-excitation	46			1100*945*1355	KMS	HQ150GF
41	K、KY	HQ150GF	KMS	206.3	165	187.5	150	QSB6.7-G32	173		200	24	107*124	17.3:1	6.7	40.4	19.5	10	10	6.3		HQF-150	self-excitation	20			945*622*1278	KMS	HQ150GF
42	K、KY	HQ150GF	KMS	206.3	165	187.5	150	B6.7CS4-GT2	155		200	24	107*124	18.5:1	6.7			10	40			HQF-150	self-excitation					KMS	HQ150GF
43	K、KY	HQ180GF	KMS	247.5	198	225	180	B6.7CS4-GT1	188		200	24	107*124	18.5:1	6.7			10	40			HQF-180	self-excitation					KMS	HQ180GF
44	K、KY	HQ200GF	KMS	275	220	250	200	6LTAA8.9-G2	220		380	24	114*135	16.6:1	8.9	53	27.6	11.1	10	4.8		HQF-200	self-excitation	22.9			945*920*1278	KMS	HQ200GF
45	K、KY	HQ200GF	KMS	275	220	250	200	6LTAA8.9-G3	230		380	24	114*135	16.6:1	8.9	54	27.6	11.1	10	5		HQF-200	self-excitation	27			945*920*1278	KMS	HQ200GF
46	K、KY	HQ200GF	KMS	275	220	250	200	L9CS4-GT2	230		380	24	116.5*144.5	16.4:1	9		27.6	34-57.1				HQF-200	self-excitation					KMS	HQ200GF
47	K、KY	HQ200GF	KMS	275	220	250	200	6CTAA8.3-G9	/		380	24	114*135	16.7:1	8.3	57	28	12.3	10	4.8	0.255	HQF-200	self-excitation	22.9	1.29	0.86	945*920*1278	KMS	HQ200GF
48	K、KY	HQ200GF	KMS	275	220	250	200	6LTAA9.5-G3	250		380	24	116.5*148	16.1:1	9.5	58	32.4	11.1	10	6.4	0.298	HQF-200	self-excitation	46	2.34	1.56	1100*1090*1355	KMS	HQ200GF
49	K、KY	HQ200GF	KMS	275	220	250	200	QSL8.9-G2	206		380	24	114*145	16.6:1	8.9	55	27.6	34-57.1		7.1		HQF-200	self-excitation	46			1100*1090*1355	KMS	HQ200GF
50	K、KY	HQ200GF	KMS	275	220	250	200	QSB6.7-G31	209		380	24	114*145	17.3:1	6.7	48.8	19.5	10	10	6.3		HQF-200	self-excitation	20			945*622*1278	KMS	HQ200GF
51	K、KY	HQ200GF	KMS	275	220	250	200	QSL8.9-G3	220		380	24	114*145	16.6:1	8.9	57	27.6	34-57.1		7.1		HQF-200	self-excitation	46			1100*1090*1355	KMS	HQ200GF
52	K、KY	HQ200GF	KMS	275	220	250	200	QSL8.9-G4	235		380	24	114*145	16.6:1	8.9	60	27.6	34-57.1		7.1		HQF-200	self-excitation	46			1100*1090*1355	KMS	HQ200GF
53	K、KY	HQ200GF	KMS	275	220	250	200	QSL8.9-G34	238		380	24	114*145	16.6:1	8.9	55.6	27.6	34-57.1		11.3		HQF-200	self-excitation	47			1100*762*1355	KMS	HQ200GF
54	K、KY	HQ200GF	KMS	275	220	250	200	L9CS4-GT1	247		380	24	116.5*144.5	16.4:1	9		27.6	34-57.1				HQF-200	self-excitation					KMS	HQ200GF
55	K、KY	HQ200GF	KMS	275	220	250	200	QSM11-G1	245													HQF-200	self-excitation					KMS	HQ200GF
56	K、KY	HQ250GF	KMS	350	275	312.5	250	QSM11-G2	272													HQF-250	self-excitation					KMS	HQ250GF
57	K、KY	HQ200GF	KMS	275	220	250	200	MTA11-G2	224		380	24	125*147									HQF-200	self-excitation					KMS	HQ200GF
58	K、KY	HQ200GF	KMS	275	220	250	200	NT855-GA	231		380	24	140*152									HQF-200	self-excitation					KMS	HQ200GF
59	K、KY	HQ200GF	KMS	275	220	250	200	NTA855-G1	240		380	24	140*152									HQF-200	self-excitation					KMS	HQ200GF
60	K、KY	HQ200GF	KMS	275	220	250	200	QSNT-G6	243		380	24	/									HQF-200	self-excitation					KMS	HQ200GF
61	K、KY	HQ250GF	KMS	350	275	312.5	250	QSL8.9-G33	270		380	24	114*145	16.6:1	8.9	63.1	27.6	34-57.1		11.3		HQF-250	self-excitation	47			1100*762*1355	KMS	HQ250GF
62	K、KY	HQ250GF	KMS	350	275	312.5	250	6LTAA9.5-G1	290		380	24	116.5*148	16.6:1	9.5	70	32.4	11.1	8	6.4	0.31	HQF-250	self-excitation	46	2.35	1.56	1100*1090*1355	KMS	HQ250GF
63	K、KY	HQ250GF	KMS	350	275	312.5	250	NTA855-G1A	264		380	24	140*152	14.0:1								HQF-250	self-excitation					KMS	HQ250GF
64	K、KY	HQ250GF	KMS	350	275	312.5	250	NTA855-G1B	284		380	24	140*152									HQF-250	self-excitation					KMS	HQ250GF
65	K、KY	HQ250GF	KMS	350	275	312.5	250	MTAA11-G3	282		380	24	125*147	14.5:1								HQF-250	self-excitation					KMS	HQ250GF
66	K、KY	HQ250GF	KMS	350	275	312.5	250	QSNT-G7	261		380	24	/									HQF-250	self-excitation					KMS	HQ250GF
67	K、KY	HQ250GF	KMS	350	275	312.5	250	QSNT-G1	291		380	24	/									HQF-250	self-excitation					KMS	HQ250GF
68	K、KY	HQ250GF	KMS	350	275	312.5	250	QSM11-G2	292													HQF-250	self-excitation					KMS	HQ250GF
69	K、KY	HQ300GF	KMS	412.5	330	375	300	QSM11-G3	300													HQF-300	self-excitation					KMS	HQ300GF
70	K、KY	HQ250GF	KMS	350	275	312.5	250	NTA855-G2	284		380	24	/									HQF-250	self-excitation					KMS	HQ250GF
71	K、KY	HQ300GF	KMS	412.5	330	375	300	QSM11-G4	318													HQF-300	self-excitation					KMS	HQ300GF
72	K、KY	HQ300GF	KMS	412.5	330	375	300	QSM11-G5	327													HQF-300	self-excitation					KMS	HQ300GF
73	K、KY	HQ300GF	KMS	412.5	330	375	300	QSM11-G6	343													HQF-300	self-excitation					KMS	HQ300GF
74	K、KY	HQ300GF	KMS	412.5	330	375	300	6ZTAA13-G3	340		380	24	130*163	17.0:1	13	81	45.4	23.1	13	8.7		HQF-300	self-excitation	50			1360*1128*1661	KMS	HQ300GF
75	K、KY	HQ300GF	KMS	412.5	330	375	300	QSL8.9-G30	301		380	24	114*145	16.6:1	8.9	68.6	27.6	34-57.1		11.3		HQF-300	self-excitation	47			1100*762*1355	KMS	HQ300GF
76	K、KY	HQ300GF	KMS	412.5	330	375	300	QSZ13-G6	328		380	24	130*163	17.0:1	13	81	45.4	73.1-77.1		6		HQF-300	self-excitation	54			1255*870*1841	KMS	HQ300GF
77	K、KY	HQ300GF	KMS	412.5	330	375	300	NTA855-G2A	312		380	24	140*152	14.0:1								HQF-300	self-excitation					KMS	HQ300GF
78	K、KY	HQ300GF	KMS	412.5	330	375	300	NTA855-G4	317		380	24	140*152	14.0:1								HQF-300	self-excitation					KMS	HQ300GF

NO.	STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	STANDBY POWER		NORMAL POWER		ENGINE MODEL	NORMAL POWER FOR ENGINE (kW)	CONTROLLER	BASE TANK (L)	SYSTEM VOLTAGE (V)	CYLINDER DIAMETER STROKE LENGTH (mm)	COMPRESSION RATIO	DISPLACEMENT (L)	FUEL CONSUMPTION (L/h)	LUBRICANT CAPACITY (L)	COOLING LIQUID CAPACITY (ENGINE) (L)	MAX AIR EXHAUST BACK PRESSURE (kPa)	COOLING-AIR FLOW RATE (m³/s)	AIR COMBUSTION RATE (m³/s)	GENERATOR MODEL	GENERATOR EXCITATION MODE	STANDARD WATER TANK VOLUME (L)	MIN AIR INTAKE AREA (m²)	MIN AIR EXHAUST AREA (m²)	WATER TANK AIR EXHAUSTER DIMENSION (mmxmm)	SET SERIES	GENERATOR SET MODE
				(kVA)	(kW)	(kVA)	(kW)																						
79	K、KY	HQ300GF	KMS	412.5	330	375	300	NTAA855-G7	343		380	24	140*152	14.0:1								HQF-300	self-excitation					KMS	HQ300GF
80	K、KY	HQ300GF	KMS	412.5	330	375	300	NTAA855-G7A	/		380	24	140*152	14.0:1								HQF-300	self-excitation					KMS	HQ300GF
81	K、KY	HQ300GF	KMS	412.5	330	375	300	KTA19-G2	336		380	24	140*152									HQF-300	self-excitation					KMS	HQ300GF
82	K、KY	HQ300GF	KMS	412.5	330	375	300	KTA19-G2	336		380	24	140*152									HQF-300	self-excitation					KMS	HQ300GF
83	K、KY	HQ300GF	KMS	412.5	330	375	300	QSNT-G2	321		380	24	/									HQF-300	self-excitation					KMS	HQ300GF
84	K、KY	HQ350GF	KMS	487.5	385	437.5	350	6ZTAA13-G2	390		490	24	130*163	17.0:1	13	89.1	45.4	23.1	13	8.7		HQF-350	self-excitation	50			1360*1128*1661	KMS	HQ350GF
85	K、KY	HQ350GF	KMS	487.5	385	437.5	350	6ZTAA13-G4	400		490	24	130*163	17.0:1	13	91.4	45.4	23.1	13	8.7		HQF-350	self-excitation	50			1360*1128*1661	KMS	HQ350GF
86	K、KY	HQ350GF	KMS	487.5	385	437.5	350	QSZ13-G2	400		490	24	130*163	17.0:1	13	88.8	45.4	73.1-77.1		8.7		HQF-350	self-excitation	50			1360*1128*1661	KMS	HQ350GF
87	K、KY	HQ350GF	KMS	487.5	385	437.5	350	QSZ13-G7	367		490	24	130*163	17.0:1	13	91.4	75.3	23.1	13	6	0.5	HQF-350	self-excitation	54	2.46	1.64	1255*870*1841	KMS	HQ350GF
88	K、KY	HQ350GF	KMS	487.5	385	437.5	350	QSNT-G3	358		490	24	/									HQF-350	self-excitation					KMS	HQ350GF
89	K、KY	HQ400GF	KMS	550	440	500	400	QSZ13-G5	411		490	24	130*163	17.0:1	13	89.1	75.3	23.1	13	6	0.6	HQF-400	self-excitation	54	2.49	1.66	1255*870*1841	KMS	HQ400GF
90	K、KY	HQ400GF	KMS	550	440	500	400	QSZ13-G3	450		490	24	130*163	17.0:1	13	101	45.4	73.1-77.1		8.7		HQF-400	self-excitation	50			1360*1128*1661	KMS	HQ400GF
91	K、KY	HQ400GF	KMS	550	440	500	400	KTA19-G3	403		490	24	159*159	17.0:1	19							HQF-400	self-excitation					KMS	HQ400GF
92	K、KY	HQ400GF	KMS	550	440	500	400	KTA19-G3A	448		490	24	159*159	17.0:1	19							HQF-400	self-excitation					KMS	HQ400GF
93	K、KY	HQ400GF	KMS	550	440	500	400	KTA19-G4	448		490	24	159*159	17.0:1	19							HQF-400	self-excitation					KMS	HQ400GF
94	K、KY	HQ400GF	KMS	550	440	500	400	KTA19-G4	448		490	24	159*159	17.0:1	19							HQF-400	self-excitation					KMS	HQ400GF
95	K、KY	HQ400GF	KMS	550	440	500	400	QSNT-G4X	407		490	24	/									HQF-400	self-excitation					KMS	HQ400GF
96	K、KY	HQ400GF	KMS	550	440	500	400	QSK19-G14	402		490	24	/	17.0:1	19							HQF-400	self-excitation					KMS	HQ400GF
97	K、KY	HQ400GF	KMS	550	440	500	400	QSK19-G15	405		490	24	/	17.0:1	19							HQF-400	self-excitation					KMS	HQ400GF
98	K、KY	HQ400GF	KMS	550	440	500	400	QSK19-G16	445		490	24	/	17.0:1	19							HQF-400	self-excitation					KMS	HQ400GF
99	K、KY	HQ450GF	KMS	625	495	562.5	450	QSZ13-G10	463			24	130*163	17.0:1	13	107	75.3	23.1	13	12	0.5	HQF-450	self-excitation	63	3.09	2.06	1360*779*1695	KMS	HQ450GF
100	K、KY	HQ450GF	KMS	625	495	562.5	450	KTAA19-G5	470			24	159*159	17.0:1	19							HQF-450	self-excitation					KMS	HQ450GF
101	K、KY	HQ450GF	KMS	625	495	562.5	450	QSK19-G13	451			24	/	17.0:1	19							HQF-450	self-excitation					KMS	HQ450GF
102	K、KY	HQ450GF	KMS	625	495	562.5	450	KTA19-G8E	500			24	/	17.0:1	19							HQF-450	self-excitation					KMS	HQ450GF
103	K、KY	HQ500GF	KMS	687.5	550	625	500	KTA19-G8	/			24	159*159	17.0:1	19							HQF-500	self-excitation					KMS	HQ500GF
104	K、KY	HQ500GF	KMS	687.5	550	625	500	KTAA19-G6	520			24	159*159	17.0:1	19	131	50	26.5	10	10.8	0.7	HQF-500	self-excitation	84	3.29	2.19	1416*****1502	KMS	HQ500GF
105	K、KY	HQ500GF	KMS	687.5	550	625	500	KTAA19-G6A	/			24	159*159	13.0:1	19							HQF-500	self-excitation					KMS	HQ500GF
106	K、KY	HQ500GF	KMS	687.5	550	625	500	KTAA19-G7	/			24	/	17.0:1	19							HQF-500	self-excitation					KMS	HQ500GF
107	K、KY	HQ500GF	KMS	687.5	550	625	500	KT38-G	560			24	159*159									HQF-500	self-excitation					KMS	HQ500GF
108	K、KY	HQ500GF	KMS	687.5	550	625	500	QSK19-G12	503			24	/	17.0:1	19							HQF-500	self-excitation					KMS	HQ500GF
109	K、KY	HQ500GF	KMS	687.5	550	625	500	QSK19-G17	505			24	/	17.0:1	19							HQF-500	self-excitation					KMS	HQ500GF
110	K、KY	HQ500GF	KMS	687.5	550	625	500	KTA19-G8A	550			24	/	17.0:1	19							HQF-500	self-excitation					KMS	HQ500GF
111	K、KY	HQ500GF	KMS	687.5	550	625	500	QSK19-G6	520			24	/	17.0:1	19							HQF-500	self-excitation					KMS	HQ500GF
112	K、KY	HQ500GF	KMS	687.5	550	625	500	QSK19-G18	564			24	/	17.0:1	19							HQF-500	self-excitation					KMS	HQ500GF
113	K、KY	HQ550GF	KMS	762.5	605	687.5	550	QSK19-G4	574			24	/	17.0:1	19							HQF-550	self-excitation					KMS	HQ550GF
114	K、KY	HQ550GF	KMS	762.5	605	687.5	550	KTA19-G9A	600			24	/	17.0:1	19							HQF-550	self-excitation					KMS	HQ550GF
115	K、KY	HQ550GF	KMS	762.5	605	687.5	550	QSK19-G19	606			24	/	17.0:1	19							HQF-550	self-excitation					KMS	HQ550GF
116	K、KY	HQ550GF	KMS	762.5	605	687.5	550	QSK19-G11	606			24	/	17.0:1	19							HQF-550	self-excitation					KMS	HQ550GF
117	K、KY	HQ600GF	KMS	825	660	750	600	KTA38-G1	634			24	159*159		38							HQF-600	self-excitation					KMS	HQ600GF

NO.	STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	STANDBY POWER		NORMAL POWER		ENGINE MODEL	NORMAL POWER FOR ENGINE (kW)	CONTROLLER	BASE TANK (L)	SYSTEM VOLTAGE (V)	CYLINDER DIAMETER STROKE LENGTH (mm)	COMPRESSION RATIO	DISPLACEMENT (L)	FUEL CONSUMPTION (L/h)	LUBRICANT CAPACITY (L)	COOLING LIQUID CAPACITY (ENGINE) (L)	MAX AIR EXHAUST BACK PRESSURE (kPa)	COOLING-AIR FLOW RATE (m³/s)	AIR COMBUSTION RATE (m³/s)	GENERATOR MODEL	GENERATOR EXCITATION MODE	STANDARD WATER TANK VOLUME (L)	MIN AIR INTAKE AREA (m²)	MIN AIR EXHAUST AREA (m²)	WATER TANK AIR EXHAUSTER DIMENSION (mmxmm)	SET SERIES	GENERATOR SET MODE
				(kVA)	(kW)	(kVA)	(kW)																						
118	K、KY	HQ600GF	KMS	825	660	750	600	KTA38-G1B	634		490	24	159*159									HQF-600	self-excitation					KMS	HQ600GF
119	K、KY	HQ600GF	KMS	825	660	750	600	KT38-GA	647			24	159*159	15.5:1								HQF-600	self-excitation					KMS	HQ600GF
120	K、KY	HQ600GF	KMS	825	660	750	600	KTA38-G2	664			24	159*159									HQF-600	self-excitation					KMS	HQ600GF
121	K、KY	HQ600GF	KMS	825	660	750	600	QSK19-G20	668			24	/									HQF-600	self-excitation					KMS	HQ600GF
122	K、KY	HQ600GF	KMS	825	660	750	600	QSK38-G8	657			24	/									HQF-600	self-excitation					KMS	HQ600GF
123	K、KY	HQ650GF	KMS	900	715	812.5	650	KTA38-G2B	711			24	159*159									HQF-650	self-excitation					KMS	HQ650GF
124	K、KY	HQ650GF	KMS	900	715	812.5	650	KTA38-G2E	715			24	/									HQF-650	self-excitation					KMS	HQ650GF
125	K、KY	HQ650GF	KMS	900	715	812.5	650	QSK38-G7	705			24	/									HQF-650	self-excitation					KMS	HQ650GF
126	K、KY	HQ700GF	KMS	962.5	770	875	700	QSK19-G21	724			24	/									HQF-700	self-excitation					KMS	HQ700GF
127	K、KY	HQ700GF	KMS	962.5	770	875	700	QSK38-G6	791			24	/									HQF-700	self-excitation					KMS	HQ700GF
128	K、KY	HQ800GF	KMS	1100	880	1000	800	KTA38-G2A	813			24	159*159									HQF-800	self-excitation					KMS	HQ800GF
129	K、KY	HQ800GF	KMS	1100	880	1000	800	KTA38-G5	880			24	159*159	13.9:1	37.8	207	135	124	10.2	16.5	1.21	HQF-800	self-excitation	140	5.06	3.37	1652×1575	KMS	HQ800GF
130	K、KY	HQ800GF	KMS	1100	880	1000	800	KTA38-G9	/			24	159*159	13.9:1	37.8	254.4	135	124	10.2	18.8	1.31	HQF-800	self-excitation	212	5.75	3.83	1752×1589	KMS	HQ800GF
131	K、KY	HQ800GF	KMS	1100	880	1000	800	KTA38-G5E	825			24	/									HQF-800	self-excitation					KMS	HQ800GF
132	K、KY	HQ800GF	KMS	1100	880	1000	800	QSK38-G9	826			24	/									HQF-800	self-excitation					KMS	HQ800GF
133	K、KY	HQ800GF	KMS	1100	880	1000	800	QSK38-G1	876			24	/									HQF-800	self-excitation					KMS	HQ800GF
134	K、KY	HQ800GF	KMS	1100	880	1000	800	KTA38-G7E	935			24	/									HQF-800	self-excitation					KMS	HQ800GF
135	K、KY	HQ800GF	KMS	1100	880	1000	800	QSK38-G10	903			24	/									HQF-800	self-excitation					KMS	HQ800GF
136	K、KY	HQ900GF	KMS	1237.5	990	1125	900	KTA38-G9E	990			24	/									HQF-900	self-excitation					KMS	HQ900GF
137	K、KY	HQ900GF	KMS	1237.5	990	1125	900	QSK38-G2	989			24	/									HQF-900	self-excitation					KMS	HQ900GF
138	K、KY	HQ900GF	KMS	1237.5	990	1125	900	QSK38-G11	1022			24	/									HQF-900	self-excitation					KMS	HQ900GF
139	K、KY	HQ1000GF	KMS	1375	1100	1250	1000	KTA50-G3	1097			24	159*159	13.9:1	50.3	261.2	204	161	6.8	27.1	1.75	HQF-1000	self-excitation	184	8.24	5.5	2000×1596	KMS	HQ1000GF
140	K、KY	HQ1000GF	KMS	1375	1100	1250	1000	KTA50-G12	1148			24	159*159									HQF-1000	self-excitation					KMS	HQ1000GF
141	K、KY	HQ1000GF	KMS	1375	1100	1250	1000	QSK38-G12	1134			24	/									HQF-1000	self-excitation					KMS	HQ1000GF
142	K、KY	HQ1000GF	KMS	1375	1100	1250	1000	QSK38-G5	1107			24	/									HQF-1000	self-excitation					KMS	HQ1000GF
143	K、KY	HQ1000GF	KMS	1375	1100	1250	1000	KTA50-G3E	1100			24	/									HQF-1000	self-excitation					KMS	HQ1000GF
144	K、KY	HQ1100GF	KMS	1500	1210	1375	1100	KTA50-G12A	1200			24	159*159									HQF-1100	self-excitation					KMS	HQ1100GF
145	K、KY	HQ1100GF	KMS	1500	1210	1375	1100	KTA50-G8	1200			24	159*159									HQF-1100	self-excitation					KMS	HQ1100GF
146	K、KY	HQ1100GF	KMS	1500	1210	1375	1100	KTA50-G7E	1210			24	/									HQF-1100	self-excitation					KMS	HQ1100GF
147	K、KY	HQ1100GF	KMS	1500	1210	1375	1100	QSK38-G19	1183			24	/									HQF-1100	self-excitation					KMS	HQ1100GF
148	K、KY	HQ1200GF	KMS	1650	1320	1500	1200	KTA50-GS8	1287			24	159*159	14.9:1	50.3	308.6	204	165	6.8	25.5	1.66	HQF-1200	self-excitation	270	7.76	5.17	1875×1800	KMS	HQ1200GF
149	K、KY	HQ1200GF	KMS	1650	1320	1500	1200	QSK38-G13	1239			24	/									HQF-1200	self-excitation					KMS	HQ1200GF
150	K、KY	HQ1200GF	KMS	1650	1320	1500	1200	KTA50-G8E	1320			24	/									HQF-1200	self-excitation					KMS	HQ1200GF
151	K、KY	HQ1200GF	KMS	1650	1320	1500	1200	QSK38-G14	1346			24	/									HQF-1200	self-excitation					KMS	HQ1200GF
152	K、KY	HQ1300GF	KMS	1812.5	1430	1625	1300	KTA50-G15	1491			24	159*159									HQF-1300	self-excitation					KMS	HQ1300GF
153	K、KY	HQ1300GF	KMS	1812.5	1430	1625	1300	QSK38-G15	1399			24	/									HQF-1300	self-excitation					KMS	HQ1300GF
154	K、KY	HQ1300GF	KMS	1812.5	1430	1625	1300	KTA50-G15A	1485			24	/									HQF-1300	self-excitation					KMS	HQ1300GF
155	K、KY	HQ1500GF	KMS	2062.5	1650	1875	1500	KTA50-G16A	1650			24	/									HQF-1500	self-excitation					KMS	HQ1500GF



Features of WC Series Generator Sets

Excellent Environmental Adaptability

It can operate stably in -40°C-50°C environment; Stable output power at an altitude of 5,000 meters; Coated with quasi-industrial paint to prevent rust and corrosion.

Excellent Loading Capability

It meets the requirements of GB/T2820 standard indicators and has strong single loading capability. It meets the requirements for quick start.

High Power Density

It has compact structure, high strength and high-power density. It is small in size and makes efficient use of space.

Perfect Safety Design

It has all kinds of domestic product certification qualifications, with advanced set security system.

Application Fields of WC Open Frame Generator Sets

POWER RANGE: 12kW-3000kW

APPLICATION FIELDS:

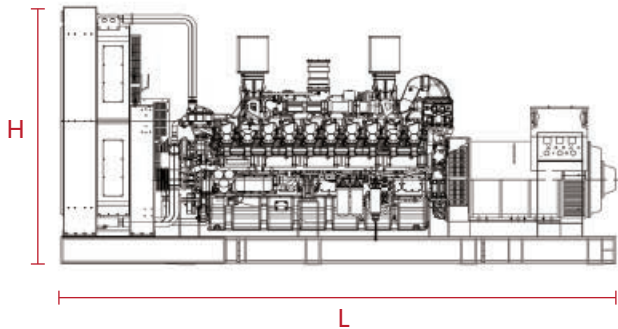
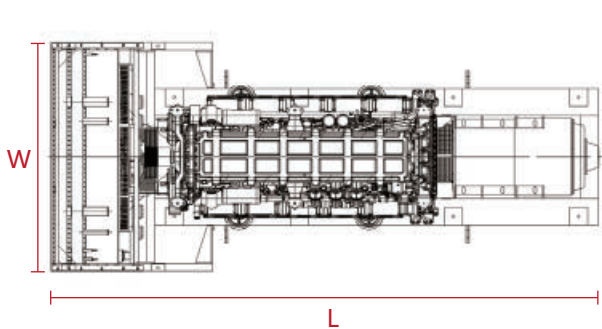
It is widely used in engineering construction, medical treatment, education, public utilities, electronic technology applications, various animal husbandry and other fields.

Dimensions and Weights pf WC Open Frame Generator Sets

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	OUTER DIMENSIONS			WEIGHT (kg)
				L (mm)	W (mm)	H (mm)	
K、KY	HQ15GF	WC	WP2.3D25E200	1450	600	1127	
K、KY	HQ30GF	WC	WP2.3D33E200	1450	600	1127	
K、KY	HQ30GF	WC	WP2.3D40E200	1450	600	1127	
K、KY	HQ50GF	WC	WP4.1D66E200	1450	600	1184	
K、KY	HQ75GF	WC	WP4.1D100E200	1800	780	1353	
K、KY	HQ100GF	WC	WP4.1D113E200	2000	940	1353	
K、KY	HQ100GF	WC	WP6D132E200	2000	940	1293	
K、KY	HQ120GF	WC	WP6D152E200	2000	940	1293	
K、KY	HQ150GF	WC	WP7D216E310	2000	940	1452	
K、KY	HQ180GF	WC	WP10D200E200	2470	940	1530	
K、KY	HQ200GF	WC	WP10D264E200	2470	940	1530	
K、KY	HQ250GF	WC	WP10D320E200	2900	1090	1530	
K、KY	HQ300GF	WC	WP12D353E200	2900	1090	1618	
K、KY	HQ300GF	WC	WP13D385E200	3100	1200	1668	

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	OUTER DIMENSIONS			WEIGHT (kg)
				L (mm)	W (mm)	H (mm)	
K、KY	HQ400GF	WC	WP13D490E310	3500	1500	1657	
K、KY	HQ500GF	WC	6M33D633E310	3500	1500	2075	
K、KY	HQ600GF	WC	6M33D725E310	4500	1700	2117	
K、KY	HQ700GF	WC	12M26D792E200	4500	1700	2117	
K、KY	HQ800GF	WC	12M26D968E200	4500	1700	2156	
K、KY	HQ1000GF	WC	12M33D1210E200	4800	2200	2300	
K、KY	HQ1200GF	WC	12M33D1500E310	4800	2200	2467	
K、KY	HQ1400GF	WC	16M33D1680E310	5300	2100	2467	
K、KY	HQ1500GF	WC	16M33D1800E310	5300	2100	2492	
K、KY	HQ1600GF	WC	16M33D1980E310	5760	2560	2492	
K、KY	HQ1800GF	WC	12M55D2210E310	6600	2680	2658	
K、KY	HQ2000GF	WC	12M55D2450E310	6600	2680	2700	
K、KY	HQ2400GF	WC	16M55D2900E310	7100	3000	2800	
K、KY	HQ3000GF	WC	16M55D3600E310	7280	3000	2900	

Note: Dimensions are for reference only. Please consult Huaquan application engineers for installation design.



WC Series Open Frame Generator Sets

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ15GF	WC	WP2.3D25E200	21.3	17	18.8	15
K、KY	HQ30GF	WC	WP2.3D33E200	41.3	33	37.5	30
K、KY	HQ30GF	WC	WP2.3D40E200	41.3	33	37.5	30



STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ50GF	WC	WP4.1D66E200	68.8	55	62.5	50
K、KY	HQ75GF	WC	WP4.1D100E200	103.8	83	93.8	75
K、KY	HQ100GF	WC	WP4.1D113E200	137.5	110	125	100



STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ100GF	WC	WP6D132E200	137.5	110	125	100
K、KY	HQ120GF	WC	WP6D152E200	165	132	150	120
K、KY	HQ150GF	WC	WP7D216E310	206.3	165	187.5	150



STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ180GF	WC	WP10D200E200	247.5	198	225	180
K、KY	HQ200GF	WC	WP10D264E200	275	220	250	200
K、KY	HQ250GF	WC	WP10D320E200	350	280	312.5	250
K、KY	HQ300GF	WC	WP12D353E200	412.5	330	375	300

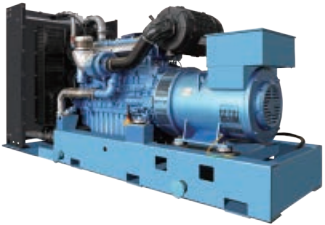


STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ300GF	WC	WP13D385E200	412.5	330	375	300
K、KY	HQ400GF	WC	WP13D490E310	550	440	500	400



WC Series Open Frame Generator Sets

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ500GF	WC	6M33D633E310	687.5	550	625	500
K、KY	HQ600GF	WC	6M33D725E310	825	660	750	600



STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ700GF	WC	12M26D792E200	962.5	770	875	700
K、KY	HQ800GF	WC	12M26D968E200	1100	880	1000	800



STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ1000GF	WC	12M33D1210E200	1375	1100	1250	1000
K、KY	HQ1200GF	WC	12M33D1500E310	1650	1320	1500	1200



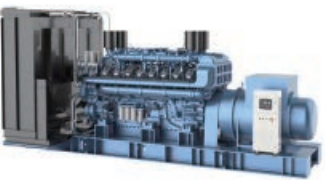
STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ1400GF	WC	16M33D1680E310	1937.5	1550	1750	1400
K、KY	HQ1500GF	WC	16M33D1800E310	2062.5	1650	1875	1500
K、KY	HQ1600GF	WC	16M33D1980E310	2250	1800	2000	1600



STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ1800GF	WC	12M55D2210E310	2500	2000	2250	1800
K、KY	HQ2000GF	WC	12M55D2450E310	2750	2200	2500	2000



STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ2400GF	WC	16M55D2900E310	3312.5	2650	3000	2400
K、KY	HQ3000GF	WC	16M55D3600E310	4125	3300	3750	3000



NO.	STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	STANDBY POWER		NORMAL POWER		ENGINE MODEL	STANDBY POWER (kW)	NORMAL POWER (kW)	STORAGE BATTERY CAPACITY (A·h)	BASE TANK (L)	OUTER DIMENSIONS			STARTING MODE	CABLE SPECIFICATION (mm ²)	CYLINDER	COMPRESSION RATIO	DISPLACEMENT	FUEL CONSUMPTION (L/h)	RATED SPEED (r/min)	SPEED CONTROL MODE	CYLINDER DIAMETER STROKE LENGTH (mmxmm)	ENGINE OIL CAPACITY (L)	COOLING LIQUID CAPACITY (L)	GENERATOR MODEL	GENERATOR EXCITATION MODE	SET SERIES	GENERATOR SET MODE
				(kVA)	(kW)	(kVA)	(kW)						L (mm)	W (mm)	H (mm)															
1	K、KY	HQ15GF	WC	21.3	17	18.8	15	WP3.2D20E310	20	18	1×100		1450	600		DC12	6	4	17.2:1	3.17	4.4	1500	electronic controller	98*105	9	12.4	HQF-15	self-excitation	WC	HQ15GF
2	K、KY	HQ20GF	WC	27.5	22	25	20	WP2.3D25E200	25	23	1×100		1450	600	1127	DC12	10	4		2.289	5.3	1500	ESC/machine	89*92	8.5	11.3	HQF-20	self-excitation	WC	HQ20GF
3	K、KY	HQ25GF	WC	35	28	31.3	25	WP3.2D28E310	28	25	1×100		1450	600		DC12	10	4	17.2:1	3.17	5.4	1500	electronic controller	98*105	9	12.4	HQF-25	self-excitation	WC	HQ25GF
4	K、KY	HQ30GF	WC	41.3	33	37.5	30	WP2.3D33E200	33	30	1×100	70	1450	600	1127	DC12	16	4		2.289	7.4	1500	ESC/machine	89*92	8.5	11.3	HQF-30	self-excitation	WC	HQ30GF
5	K、KY	HQ30GF	WC	41.3	33	37.5	30	WP2.3D40E200	40	36	1×100	70	1450	600	1127	DC12	16	4		2.289	9.3	1500	ESC/machine	89*92	8.5	11.3	HQF-30	self-excitation	WC	HQ30GF
6	K、KY	HQ30GF	WC	41.3	33	37.5	30	WP3.2D36E310	36	33	1×100	70	1450	600		DC12	16	4	17.2:1	3.17	7.5	1500	electronic controller	98*105	9	12.4	HQF-30	self-excitation	WC	HQ30GF
7	K、KY	HQ30GF	WC	41.3	33	37.5	30	WP3.2D44E310	44	36.8	1×100	70	1450	600		DC12	16	4	17.2:1	3.17	9.5	1500	electronic controller	98*105	9	12.4	HQF-30	self-excitation	WC	HQ30GF
8	K、KY	HQ40GF	WC	55	44	50	40	WP2.3D48E200	48	44	1×100		1450	600	1127	DC12	25	4		2.289		1500	ESC/machine	90*100	8		HQF-40	self-excitation	WC	HQ40GF
9	K、KY	HQ50GF	WC	68.8	55	62.5	50	WP4.1D66E200	66	60	2×60	100	1800	780	1353	DC24	35	4	17.5:1	4.087	14.7	1500	ESC/machine	105*118	13	22.9	HQF-50	self-excitation	WC	HQ50GF
10	K、KY	HQ50GF	WC	68.8	55	62.5	50	WP4.1D66E310	66	60	2×60	100	1800	780	1353	DC24	35	4	17.5:1	4.087	14.7	1500	electronic controller	105*118	13	18	HQF-50	self-excitation	WC	HQ50GF
11	K、KY	HQ60GF	WC	82.5	66	75	60	WP4.1D80E200	80	72	2×60		1800	780		DC24	35	4	17.5:1	4.087	18.4	1500	ESC/machine	105*118	13	18	HQF-60	self-excitation	WC	HQ60GF
12	K、KY	HQ75GF	WC	103.8	83	93.8	75	WP4.1D100E200	100	90	2×60		2000	940	1293	DC24	35	4	17.5:1	4.087	21.8	1500	ESC	105*118	13	18	HQF-75	self-excitation	WC	HQ75GF
13	K、KY	HQ64GF	WC	88	70	80	64	WP4.1D84E310	84	74.5	2×60		2000	940		DC24	35	4	17.5:1	4.087	21.8	1500	electronic controller	105*118	13	18	HQF-64	self-excitation	WC	HQ64GF
14	K、KY	HQ75GF	WC	103.8	83	93.8	75	WP4.1D105E310	105	96	2×60		2000	940		DC24	35	4	17.5:1	4.087	22.5	1500	electronic controller	105*118	13	18	HQF-75	self-excitation	WC	HQ75GF
15	K、KY	HQ100GF	WC	137.5	110	125	100	WP4.1D113E200	113	/	2×60		2000	940		DC24	35	4	17.5:1	4.087		1500	ESC	105*118			HQF-100	self-excitation	WC	HQ100GF
16	K、KY	HQ100GF	WC	137.5	110	125	100	WP6D132E200	132	120	2×100		2000	940	1452	DC24	35	6	18.0:1	6.75	28.4	1500	ESC	105*130	18	36	HQF-100	self-excitation	WC	HQ100GF
17	K、KY	HQ120GF	WC	165	132	150	120	WP4.6ND138E310	138	125	2×60		2370	940		DC24	50	4	16.9:1	4.58	26.9	1500	electronic controller	108*125	16	22	HQF-120	self-excitation	WC	HQ120GF
18	K、KY	HQ120GF	WC	165	132	150	120	WP4.6ND148E310A	148	135	2×60		2370	940		DC24	70	4	16.9:1	4.58		1500	electronic controller	108*125	16	22	HQF-120	self-excitation	WC	HQ120GF
19	K、KY	HQ120GF	WC	165	132	150	120	WP6D152E200	152	138	2×100		2370	940		DC24	70	6		6.75	31.7	1500	ESC	105*130	18	36	HQF-120	self-excitation	WC	HQ120GF
20	K、KY	HQ120GF	WC	165	132	150	120	WP6D152E310	152	138	2×100		2370	940		DC24	70	6		6.75	31.1	1500	electronic controller	105*130	18	36	HQF-120	self-excitation	WC	HQ120GF
21	K、KY	HQ150GF	WC	206.3	165	187.5	150	WP6D167E200	167	150	2×100	200	2470	940		DC24	95	6	18.0:1	6.75	39.1	1500	ESC	105*130	18	36	HQF-150	self-excitation	WC	HQ150GF
22	K、KY	HQ180GF	WC	247.5	198	225	180	WP10D200E200	200	182	2×100	200	2470	940	1530	DC24	95	6	17.0:1	9.726	39.3	1500	ESC	126*130	24	50	HQF-180	self-excitation	WC	HQ180GF
23	K、KY	HQ150GF	WC	206.3	165	187.5	150	WP7D216E310	216	196	2×100	200	2470	940		DC24	95	6	17.5:1	7.47		1500	electronic controller		24		HQF-150	self-excitation	WC	HQ150GF
24	K、KY	HQ200GF	WC	275	220	250	200	WP10D238E200	238	216	2×120	380	2900	1090		DC24	150	6	17.0:1	9.726	52.9	1500	ESC	126*130	24	50	HQF-200	self-excitation	WC	HQ200GF
25	K、KY	HQ200GF	WC	275	220	250	200	WP10D264E200	264	240	2×120	380	2900	1090	1530	DC24	150	6	17.0:1	9.726	52.9	1500	ESC	126*130	24	50	HQF-200	self-excitation	WC	HQ200GF
26	K、KY	HQ200GF	WC	275	220	250	200	WP7D240E310	240	218	2×120	380	2900	1090		DC24	150	6	17.5:1	7.47	46.7	1500	electronic controller	108*136	24	31	HQF-200	self-excitation	WC	HQ200GF
27	K、KY	HQ200GF	WC	275	220	250	200	WP7D264E310	264	235	2×120	380	2900	1090		DC24	150	6	17.5:1	7.47	52.5	1500	electronic controller	108*136	24	31	HQF-200	self-excitation	WC	HQ200GF
28	K、KY	HQ200GF	WC	275	220	250	200	WP10D264E350	264	240	2×120	380	2900	1090	1530	DC24	150	6	17.0:1	9.726	51.4	1500	electronic controller	126*130	24	50	HQF-200	self-excitation	WC	HQ200GF
29	K、KY	HQ250GF	WC	350	280	312.5	250	WP12D317E200	317	288	2×120	380	2900	1090		DC24	150					1500	ESC				HQF-250	self-excitation	WC	HQ250GF
30	K、KY	HQ250GF	WC	350	280	312.5	250	WP10D320E200	320	291	2×120	380	2900	1090	1618	DC24	240	6	17.0:1	9.726	81.1	1500	ESC	126*130	24	50	HQF-250	self-excitation	WC	HQ250GF
31	K、KY	HQ250GF	WC	350	280	312.5	250	WP10D320E350	320	290	2×120	380	2900	1090	1618	DC24	240	6	17.0:1	9.726	63.5	1500	electronic controller	126*130	24	50	HQF-250	self-excitation	WC	HQ250GF
32	K、KY	HQ300GF	WC	412.5	330	375	300	WP12D353E200	353	288	2×120	380	2900	1090	1673	DC24	2×150	6		11.596	79.5	1500	ESC	126*155	30	52	HQF-300	self-excitation	WC	HQ300GF
33	K、KY	HQ300GF	WC	412.5	330	375	300	WP13D385E200	385	350	2×120	380	2900	1090		DC24	2×150	6	16.0:1/15.0:1	12.54	86	1500	ESC	127*165	36	64	HQF-300	self-excitation	WC	HQ300GF
34	K、KY	HQ300GF	WC	412.5	330	375	300	WP13D385E310	385	350	2×120	380	2900	1090		DC24	2×150	6	16.0:1/15.0:1	12.54	84.7	1500	electronic controller	127*165	36	61	HQF-300	self-excitation	WC	HQ300GF
35	K、KY	HQ350GF	WC	487.5	390	437.5	350	WP13D405E200	405	368	2×120		3100	1200		DC24	2×185	6	16.0:1/15.0:1	12.54	94.7	1500	ESC	127*165	36	64	HQF-350	self-excitation	WC	HQ350GF

NO.	STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	STANDBY POWER		NORMAL POWER		ENGINE MODEL	STANDBY POWER (kW)	NORMAL POWER (kW)	STORAGE BATTERY CAPACITY (A·h)	BASE TANK (L)	OUTER DIMENSIONS			STARTING MODE	CABLE SPECIFICATION (mm ²)	CYLINDER	COMPRESSION RATIO	DISPLACEMENT	FUEL CONSUMPTION (L/h)	RATED SPEED (r/min)	SPEED CONTROL MODE	CYLINDER DIAMETER STROKE LENGTH (mmxmm)	ENGINE OIL CAPACITY (L)	COOLING LIQUID CAPACITY (L)	GENERATOR MODEL	GENERATOR EXCITATION MODE	SET SERIES	GENERATOR SET MODE
				(kVA)	(kW)	(kVA)	(kW)						L (mm)	W (mm)	H (mm)															
36	K、KY	HQ350GF	WC	487.5	390	437.5	350	WP13D440E310	440	392	2×120	490	3100	1200	1657	DC24	2×185	6	16.0:1/15.0:1	12.54	107.97	1500	electronic controller	127*165	36	55	HQF-350	self-excitation	WC	HQ350GF
37	K、KY	HQ400GF	WC	550	440	500	400	WP13D490E310	490	450	2×120		3100	1500	1658	DC24	2×185	6	16.0:1/15.0:1	12.54	105.69	1500	electronic controller	127*165	36	70	HQF-400	self-excitation	WC	HQ400GF
38	K、KY	HQ500GF	WC	687.5	550	625	500	6M33D633E200	633	575	2×200		3500	1500	2075	DC24	2×240	6	15.0:1	19.6	129	1500	ESC	150*185	61	159	HQF-500	self-excitation	WC	HQ500GF
39	K、KY	HQ550GF	WC	762.5	610	687.5	550	6M33D670E200	670	610	2×200		3500	1500		DC24	2×240	6	15.0:1	19.6	163.9	1500	ESC	150*185	61	159	HQF-550	self-excitation	WC	HQ550GF
40	K、KY	HQ500GF	WC	687.5	550	625	500	6M33D633E310	633	575	2×200		3500	1500	2075	DC24	2×240	6	15.0:1	19.6	128.4	1500	electronic controller	150*185	61	159	HQF-500	self-excitation	WC	HQ500GF
41	K、KY	HQ600GF	WC	825	660	750	600	6M33D725E310	725	675	2×200		4500	1700	2117	DC24	3×240	6	15.0:1	19.6	152.6	1500	electronic controller	150*185	61	159	HQF-600	self-excitation	WC	HQ600GF
42	K、KY	HQ700GF	WC	962.5	770	875	700	12M26D792E200	792	720	2×200		4500	1700		DC24	3×300	12	15.0:1	31.8	170.5	1500	ESC	150*150	113	202	HQF-700	self-excitation	WC	HQ700GF
43	K、KY	HQ700GF	WC	962.5	770	875	700	8M33D800E200	800	730	2×200		4500	1700		DC24	3×300	8	15.0:1	26.14		1500	ESC	150*185			HQF-700	self-excitation	WC	HQ700GF
44	K、KY	HQ700GF	WC	962.5	770	875	700	8M33D800E310	800	730	2×200		4500	1700		DC24	3×300	8	15.0:1	26.14		1500	ESC		105		HQF-700	self-excitation	WC	HQ700GF
45	K、KY	HQ720GF	WC	990	792	900	720	12M26D902E200	902	820	2×200		4500	1700		DC24	3×300	12	15.0:1	31.8		1500	ESC	150*150	109	202	HQF-720	self-excitation	WC	HQ720GF
46	K、KY	HQ720GF	WC	990	792	900	720	12M33D902E310	902	820	2×200		4500	1700		DC24	3×300	12	15.0:1	39.2		1500	electronic controller		146		HQF-720	self-excitation	WC	HQ720GF
47	K、KY	HQ800GF	WC	1100	880	1000	800	8M33D890E200	890	815	2×200		4500	1700		DC24	3×300	8	15.0:1	26.14	188.5	1500	ESC	150*185	105	152	HQF-800	self-excitation	WC	HQ800GF
48	K、KY	HQ800GF	WC	1100	880	1000	800	12M26D968E200	968	880	2×200		4500	1700		DC24	3×300	12		31.8		1500	ESC	150*150	109	202	HQF-800	self-excitation	WC	HQ800GF
49	K、KY	HQ800GF	WC	1100	880	1000	800	8M33D895E310	895	815	2×200		4500	1700		DC24	3×300	8	15.0:1	26.14	166	1500	electronic controller	150*185	106	240	HQF-800	self-excitation	WC	HQ800GF
50	K、KY	HQ800GF	WC	1100	880	1000	800	8M33D975E310	975	890	2×200		4500	1700		DC24	3×300	8	15.0:1	26.14	213.6	1500	electronic controller	150*185	106	240	HQF-800	self-excitation	WC	HQ800GF
51	K、KY	HQ800GF	WC	1100	880	1000	800	12M33D968E310	968	880	2×200		4500	1700		DC24	3×300	12	15.0:1	39.2		1500	electronic controller		146		HQF-800	self-excitation	WC	HQ800GF
52	K、KY	HQ900GF	WC	1237.5	990	1125	900	12M33D1108E200	1108	1007	2×200		4500	1700		DC24	4×240	12	15.0:1	39.2	255.2	1500	ESC	150*185	146	303	HQF-900	self-excitation	WC	HQ900GF
53	K、KY	HQ900GF	WC	1237.5	990	1125	900	12M33D1108E310	1108	1007	2×200		4500	1700		DC24	4×240	12	15.0:1	39.2	242.8	1500	electronic controller	150*185	146	240	HQF-900	self-excitation	WC	HQ900GF
54	K、KY	HQ1000GF	WC	1375	1100	1250	1000	12M33D1210E200	1210	1100	4×200		4500	1700	2467	DC24	4×240	12	15.0:1	39.2	255.2	1500	ESC	150*185	146	303	HQF-1000	self-excitation	WC	HQ1000GF
55	K、KY	HQ1000GF	WC	1375	1100	1250	1000	12M33D1240E310	1240	1130	4×200		4500	1700		DC24	4×240	12	15.0:1	39.2	263.1	1500	electronic controller	150*185	146	240	HQF-1000	self-excitation	WC	HQ1000GF
56	K、KY	HQ1100GF	WC	1500	1200	1375	1100	12M33D1320E200	1320	1200	4×200		4800	2200		DC24	4×300	12	15.0:1	39.2	303.1	1500	ESC	150*185	146	303	HQF-1100	self-excitation	WC	HQ1100GF
57	K、KY	HQ1100GF	WC	1500	1200	1375	1100	12M33D1320E310	1320	1200	4×200		4800	2200		DC24	4×300	12	15.0:1	39.2		1500	electronic controller		146		HQF-1100	self-excitation	WC	HQ1100GF
58	K、KY	HQ1200GF	WC	1650	1320	1500	1200	12M33D1500E310	1500	1350	4×200		4800	2200		DC24	4×300	12	15.0:1	39.2	311.8	1500	electronic controller	150*185	146	240	HQF-1200	self-excitation	WC	HQ1200GF
59	K、KY	HQ1300GF	WC	1812.5	1450	1625	1300	16M33D1530E310	1530	1390	4×200		5300	2100	2658	DC24	5×300	16	15.0:1	52.3		1500	electronic controller		171		HQF-1300	self-excitation	WC	HQ1300GF
60	K、KY	HQ1300GF	WC	1812.5	1450	1625	1300	16M33D1580E310	1580	1430	4×200		5300	2100		DC24	5×300	16	15.0:1	52.3		1500	electronic controller		171		HQF-1300	self-excitation	WC	HQ1300GF
61	K、KY	HQ1400GF	WC	1937.5	1550	1750	1400	16M33D1680E310	1680	1530	4×200		5300	2100		DC24	5×300	16	15.0:1	52.3	364.7	1500	electronic controller	150*185	172	442	HQF-1400	self-excitation	WC	HQ1400GF
62	K、KY	HQ1500GF	WC	2062.5	1650	1875	1500	16M33D1800E310	1800	1680	4×200		5760	2560		DC24	5×300	16	15.0:1	52.3	394	1500	electronic controller	150*185	172	442	HQF-1500	self-excitation	WC	HQ1500GF
63	K、KY	HQ1600GF	WC	2250	1800	2000	1600	16M33D1980E310	1980	1800	4×200		6120	2560		DC24	6×300	16	15.0:1	52.3	415	1500	electronic controller	150*185	172	442	HQF-1600	self-excitation	WC	HQ1600GF
64	K、KY	HQ1600GF	WC	2250	1800	2000	1600	20M33D2020E310	2020	1850	4×200		6120	2560		DC24	6×300	20	15.0:1	65.4		1500	electronic controller		240		HQF-1600	self-excitation	WC	HQ1600GF
65	K、KY	HQ1800GF	WC	2500	2000	2250	1800	20M33D2210E310	2210	2010	4×200		6600	2680		DC24	6×300	20	15.0:1	65.4	460	1500	electronic controller	150*185	240	600	HQF-1800	self-excitation	WC	HQ1800GF
66	K、KY	HQ1800GF	WC	2500	2000	2250	1800	12M55D2210E310	2210	1985	4×200		6600	2680		DC24	6×300	12	16.5:1	65.65	455	1500	electronic controller	180*215	380	700	HQF-1800	self-excitation	WC	HQ1800GF
67	K、KY	HQ2000GF	WC	2750	2200	2500	2000	12M55D2450E310	2450	2200	4×200		6600	2680		DC24	8×300	12	16.5:1	65.65	505	1500	electronic controller	180*215	380	700	HQF-2000	self-excitation	WC	HQ2000GF
68	K、KY	HQ2200GF	WC	3000	2400	2750	2200	12M55D2700E310	2700	2420	4×200		6600	2680		DC24	Dense busbar	12	16.5:1	65.65	535	1500	electronic controller	180*215	380	700	HQF-2200	self-excitation	WC	HQ2200GF
69	K、KY	HQ2400GF	WC	3312.5	2650	3000	2400	16M55D2900E310	2900	2646	4×200		7100	3000		DC24	Dense busbar	16	16.5:1	87.5	590	1500	electronic controller	180*215	480	900	HQF-2400	self-excitation	WC	HQ2400GF
70	K、KY	HQ2600GF	WC	3625	2900	3250	2600	16M55D3300E310	3300	2900	4×200		7100	3000		DC24	Dense busbar	16	16.5:1	87.5	640	1500	electronic controller	180*215	480	900	HQF-2600	self-excitation	WC	HQ2600GF
71	K、KY	HQ3000GF	WC	4125	3300	3750	3000	16M55D3600E310	3600	3300	4×200		7280	3000		DC24	Dense busbar	16	16.5:1	87.5	760	1500	electronic controller	180*215	480	900	HQF-3000	self-excitation	WC	HQ3000GF



Features of YC Series Generator Sets

- ◆ It has sufficient air intake, more oil and gas mixing, and more full combustion.
- ◆ It has mature pressurization and intercooling technology to ensure sufficient and stable air intake of each load, and wide working area of economic fuel consumption.
- ◆ It has high injection pressure, good atomization, full combustion, large power density, small size and light weight.
- ◆ It has high strength crankshaft connecting rod and high reliability.
- ◆ It has good parts versatility, high serialization degree and low comprehensive maintenance cost.
- ◆ This is the first-class equipment and technology production, the quality is stable and reliable.

Application Fields of YC Open Frame Generator Sets

POWER RANGE:

15kW-3000kW

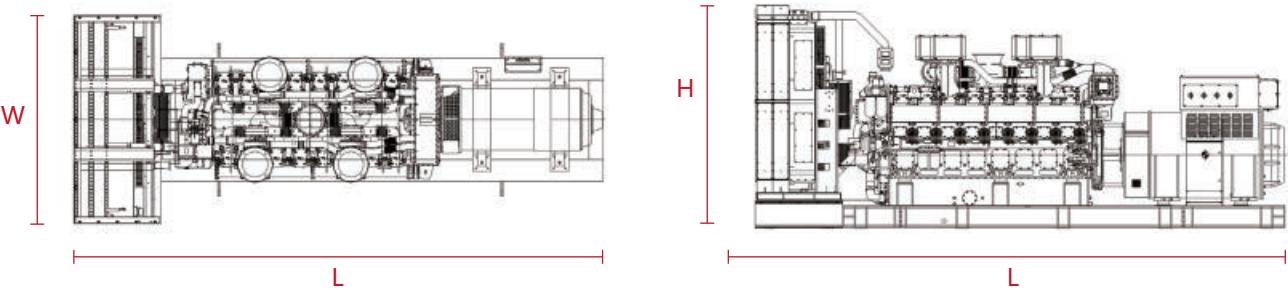
APPLICATION FIELDS:

It is widely used in public utilities, medical treatment, education, data center, precision electronics, engineering construction, industrial and mining enterprises, airport hub, high-rise buildings and other fields.

Dimensions and Weight of YC Open Frame Generator Sets

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	OUTER DIMENSIONS			WEIGHT (kg)	STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	OUTER DIMENSIONS			WEIGHT (kg)
				L (mm)	W (mm)	H (mm)						L (mm)	W (mm)	H (mm)	
K、KY	HQ15GF	YC	4D24G6	1450	600	1290		K、KY	HQ350GF	YC	YC6MJ540-D30	3100	1200	1795	
K、KY	HQ20GF	YC	4D24G7	1450	600	1148		K、KY	HQ400GF	YC	YC6K660-D30	3500	1500	1824	
K、KY	HQ25GF	YC	4D24TG2	1450	600	1286		K、KY	HQ500GF	YC	YC6TD840-D31	3500	1500	1954	
K、KY	HQ30GF	YC	4D24TG0	1450	600	1308		K、KY	HQ600GF	YC	YC6TD1000-D30	4500	1700	2005	
K、KY	HQ40GF	YC	YC4D60-D25	1450	600	1273		K、KY	HQ800GF	YC	YC6C1320-D31	4500	1700	2505	
K、KY	HQ50GF	YC	YC4D90-D34	1800	940	1308		K、KY	HQ900GF	YC	YC6C1520-D31	4800	2200	2347	
K、KY	HQ75GF	YC	YC4A140L-D25	2000	940	1416		K、KY	HQ1000GF	YC	YC6C1660-D30	5300	2100	2573	
K、KY	HQ100GF	YC	YC4A180L-D20	2000	940	1386		K、KY	HQ1100GF	YC	YC12VTD1830-D30	5300	2100	2649	
K、KY	HQ120GF	YC	YC6B205L-D20	2370	940	1455		K、KY	HQ1200GF	YC	YC12VTD2000-D30	5600	2200	2649	
K、KY	HQ150GF	YC	YC6A245L-D21	2470	940	1455		K、KY	HQ1300GF	YC	YC12VC2170-D33	5760	2560	2734	
K、KY	HQ200GF	YC	YC6MK350L-D20	2900	1090	1588		K、KY	HQ1500GF	YC	YC12VC2510-D31	6120	2560	2734	
K、KY	HQ250GF	YC	YC6MK420L-D21	2900	1090	1588		K、KY	HQ1800GF	YC	YC16VC3000-D30	6600	2680	2800	
K、KY	HQ300GF	YC	YC6MJ500-D30	2900	1090	1795		K、KY	HQ2000GF	YC	YC16VC3300-D31	6600	2680	2800	

Note: Dimensions are for reference only. Please consult Huaquan application engineers for installation design.



YC YC Series Open Frame Generator Sets

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ15GF	YC	4D24G6	21.3	17	18.8	15
K、KY	HQ20GF	YC	4D24G7	27.5	22	25	20
K、KY	HQ25GF	YC	4D24TG2	35	28	31.3	25
K、KY	HQ30GF	YC	4D24TG0	41.3	33	37.5	30

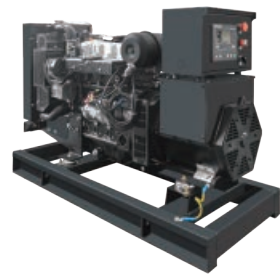
STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ40GF	YC	YC4D60-D25	55	44	50	40
K、KY	HQ50GF	YC	YC4D90-D34	68.8	55	62.5	50

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ75GF	YC	YC4A140L-D25	103.8	83	93.8	75
K、KY	HQ100GF	YC	YC4A180L-D20	137.5	110	125	100

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ120GF	YC	YC6B205L-D20	165	132	150	120
K、KY	HQ150GF	YC	YC6A245L-D21	206.3	165	187.5	150

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ200GF	YC	YC6MK350L-D20	275	220	250	200
K、KY	HQ250GF	YC	YC6MK420L-D21	350	280	312.5	250

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ300GF	YC	YC6MJ500-D30	412.5	330	375	300
K、KY	HQ350GF	YC	YC6MJ540-D30	487.5	390	437.5	350



YC YC Series Open Frame Generator Sets

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ400GF	YC	YC6K660-D30	550	440	500	400

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ500GF	YC	YC6TD840-D31	687.5	550	625	500
K、KY	HQ600GF	YC	YC6TD1000-D30	825	660	750	600

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ800GF	YC	YC6C1320-D31	1100	880	1000	800
K、KY	HQ900GF	YC	YC6C1520-D31	1237.5	990	1125	900
K、KY	HQ1000GF	YC	YC6C1660-D30	1375	1100	1250	1000

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ1100GF	YC	YC12VTD1830-D30	1500	1200	1375	1100
K、KY	HQ1200GF	YC	YC12VTD2000-D30	1687.5	1350	1500	1200

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ1300GF	YC	YC12VC2170-D33	1812.5	1450	1625	1300
K、KY	HQ1500GF	YC	YC12VC2510-D31	2062.5	1650	1875	1500

STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	ENGINE MODEL	STANDBY POWER		NORMAL POWER	
				(kVA)	(kW)	(kVA)	(kW)
K、KY	HQ1800GF	YC	YC16VC3000-D30	2500	2000	2250	1800
K、KY	HQ2000GF	YC	YC16VC3300-D31	2750	2200	2500	2000



NO.	STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	STANDBY POWER		NORMAL POWER		OUTER DIMENSIONS			ENGINE MODEL	STANDBY POWER FOR ENGINE (kW)	NORMAL POWER FOR ENGINE (kW)	BASE TANK (L)	STARTING MODE	CYLINDER DIAMETER STROKE LENGTH (mm)	COMPRESSION RATIO	SPEED (r/min)	DISPLACEMENT (L)	FUEL SYSTEM	FUEL CONSUMPTION g/(kW·h)	LUBRICANT CAPACITY (L)	GENERATOR MODEL	GENERATOR EXCITATION MODE	SET SERIES	GENERATOR SET MODE
				(kVA)	(kW)	(kVA)	(kW)	L (mm)	W (mm)	H (mm)																
1	K、KY	HQ15GF	YC	21.3	17	18.8	15	1450	600		4D24G6	/	18.5		DC12V	87×103	19.0:1	1500	2.45	electric controlled VP pump		9.5	HQF-15	self-excitation	YC	HQ15GF
2	K、KY	HQ15GF	YC	21.3	17	18.8	15	1450	600		4D24G4/A	/	18.5		DC12V	87×103	19.0:1	1500	2.45	Stanadyne rotary pump			HQF-15	self-excitation	YC	HQ15GF
3	K、KY	HQ20GF	YC	27.5	22	25	20	1450	600		YC4V35-D20	25	23		DC12V			1500		electronic speed controller			HQF-20	self-excitation	YC	HQ20GF
4	K、KY	HQ15GF	YC	21.3	17	18.8	15	1450	600		YCDA2530-D40	22	20		DC12V			1500		common rail			HQF-20	self-excitation	YC	HQ15GF
5	K、KY	HQ20GF	YC	27.5	22	25	20	1450	600	1148	4D24G7	/	23		DC12V	87×103	19.0:1	1500	2.45	electric controlled VP pump		9.5	HQF-20	self-excitation	YC	HQ20GF
6	K、KY	HQ20GF	YC	27.5	22	25	20	1450	600		4D24G2/A	/	23		DC12V	87×103	19.0:1	1500	2.45	Stanadyne rotary pump			HQF-20	self-excitation	YC	HQ20GF
7	K、KY	HQ20GF	YC	27.5	22	25	20	1450	600		YCDV254FHZ-25	22	20		DC12V	89×100		1500		common rail			HQF-20	self-excitation	YC	HQ20GF
8	K、KY	HQ20GF	YC	27.5	22	25	20	1450	600		YCDV254FHZ-35	27.5	25		DC12V	89×100		1500		common rail			HQF-20	self-excitation	YC	HQ20GF
9	K、KY	HQ20GF	YC	27.5	22	25	20	1450	600		YCDA2540-D40	27.5	25		DC12V			1500		common rail			HQF-20	self-excitation	YC	HQ20GF
10	K、KY	HQ25GF	YC	35	28	31.3	25	1450	600		4D24TG2	/	28		DC12V	87×103	17.8:1	1500	2.45	electric controlled VP pump		9.5	HQF-25	self-excitation	YC	HQ25GF
11	K、KY	HQ25GF	YC	35	28	31.3	25	1450	600		4D24TG2/A	/	28		DC12V	87×103	17.8:1	1500	2.45	Stanadyne rotary pump			HQF-25	self-excitation	YC	HQ25GF
12	K、KY	HQ25GF	YC	35	28	31.3	25	1450	600		YC4V45Z-D20	33	30					1500		electronic/mechanical			HQF-25	self-excitation	YC	HQ25GF
13	K、KY	HQ25GF	YC	35	28	31.3	25	1450	600		YCDA2545-D40	33	30		DC12V			1500		common rail			HQF-25	self-excitation	YC	HQ25GF
14	K、KY	HQ30GF	YC	41.3	33	37.5	30	1450	600		4D24TG0	/	36	70	DC12V	87×103	17.8:1	1500	2.45	electric controlled VP pump		9.5	HQF-30	self-excitation	YC	HQ30GF
15	K、KY	HQ30GF	YC	41.3	33	37.5	30	1450	600		4D24TG0/A	/	36	70	DC12V	87×103	17.8:1	1500	2.45	Stanadyne rotary pump			HQF-30	self-excitation	YC	HQ30GF
16	K、KY	HQ30GF	YC	41.3	33	37.5	30	1450	600		YCDV254FHZ-40	33	30	70	DC12V	89×100		1500		common rail			HQF-30	self-excitation	YC	HQ30GF
17	K、KY	HQ30GF	YC	41.3	33	37.5	30	1450	600		YCDV254FHZ-50	40.5	36.8	70	DC12V	89×100		1500		common rail			HQF-30	self-excitation	YC	HQ30GF
18	K、KY	HQ30GF	YC	41.3	33	37.5	30	1450	600	1273	YCDA2555-D40	40.5	36.8					1500		common rail			HQF-30	self-excitation	YC	HQ30GF
19	K、KY	HQ30GF	YC	41.3	33	37.5	30	1450	600		YC4V55Z-D20	42	38					1500		electronic/mechanical			HQF-30	self-excitation	YC	HQ30GF
20	K、KY	HQ30GF	YC	41.3	33	37.5	30	1800	780		YC4D60-D21	44	40					1500		mechanical speed controller			HQF-30	self-excitation	YC	HQ30GF
21	K、KY	HQ40GF	YC	55	44	50	40	1800	780		YC4D60-D25	44	40		DC12V	108×115		1500		electronic speed controller			HQF-40	self-excitation	YC	HQ40GF
22	K、KY	HQ50GF	YC	68.8	55	62.5	50	1800	780	1286	YCD4V33H6-75	55	50	100	DC24V	89×100		1500		common rail			HQF-50	self-excitation	YC	HQ50GF
23	K、KY	HQ50GF	YC	68.8	55	62.5	50	1800	780		YC4D80-D34	59	53	100	DC24V	108×115	16.7:1	1500	4.21	electronically controlled common rail	≤205		HQF-50	self-excitation	YC	HQ50GF
24	K、KY	HQ50GF	YC	68.8	55	62.5	50	1800	780	1238	YC4D100Z-D20	66	60	100	DC24V	108×115		1500		electronic speed controller			HQF-50	self-excitation	YC	HQ50GF
25	K、KY	HQ50GF	YC	68.8	55	62.5	50	1800	780		YCA0590-D40	66	60		DC24V			1500		common rail			HQF-50	self-excitation	YC	HQ50GF
26	K、KY	HQ50GF	YC	68.8	55	62.5	50	1800	780	1286	YC4D90Z-D25	66	60	100	DC24V	108×115		1500		electronic speed controller			HQF-50	self-excitation	YC	HQ50GF
27	K、KY	HQ50GF	YC	68.8	55	62.5	50	1800	780	1286	YC4D90-D34	66	60	100	DC24V	108×115	16.7:1	1500	4.21	electronically controlled common rail	≤205	11	HQF-50	self-excitation	YC	HQ50GF
28	K、KY	HQ50GF	YC	68.8	55	62.5	50	1800	780		YC4D90Z-D21	66	60		DC24V			1500		mechanical speed controller			HQF-50	self-excitation	YC	HQ50GF
29	K、KY	HQ60GF	YC	82.5	66	75	60	1800	780	1286	YC4A100Z-D20	73.5	70		DC24V			1500		mechanical speed controller			HQF-60	self-excitation	YC	HQ60GF
30	K、KY	HQ60GF	YC	82.5	66	75	60	1800	780		YC4D105-D34	77	70		DC24V	108×115	16.7:1	1500	4.21	electronically controlled common rail	≤205		HQF-60	self-excitation	YC	HQ60GF
31	K、KY	HQ60GF	YC	82.5	66	75	60	1800	780		YC4A100Z-D25	77	70		DC24V	108×132		1500		electronic speed controller			HQF-60	self-excitation	YC	HQ60GF
32	K、KY	HQ60GF	YC	82.5	66	75	60	2000	940		YCA05105-D40	77	70		DC24V			1500		common rail			HQF-60	self-excitation	YC	HQ60GF
33	K、KY	HQ75GF	YC	103.8	83	93.8	75	2000	940	1416	YCA05120-D40	88	80		DC24V			1500		common rail			HQF-75	self-excitation	YC	HQ75GF
34	K、KY	HQ75GF	YC	103.8	83	93.8	75	2000	940		YC6B160Z-D20	105	95		DC24V	108×125		1500		electronic speed controller			HQF-75	self-excitation	YC	HQ75GF
35	K、KY	HQ100GF	YC	137.5	110	125	100	2000	940		YC4A140L-D25	110	100		DC24V	108×132		1500		electronic speed controller			HQF-100	self-excitation	YC	HQ100GF
36	K、KY	HQ75GF	YC	103.8	83	93.8	75	2000	940		YC4A140-D30	105	95		DC24V	108×132	16.0:1	1500	4.84	electronically controlled common rail	≤210		HQF-75	self-excitation	YC	HQ75GF
37	K、KY	HQ75GF	YC	103.8	83	93.8	75	2000	940		YCA05140-D40	105	95		DC24V			1500		common rail			HQF-75	self-excitation	YC	HQ75GF
38	K、KY	HQ100GF	YC	137.5	110	125	100	2000	940		YC4D140-D31	110	100		DC24V	108×115	16.7:1	1500	4.21	electronically controlled common rail	≤205	13	HQF-100	self-excitation	YC	HQ100GF
39	K、KY	HQ100GF	YC	137.5	110	125	100	2000	940		YC4D155-D31	113	103	170	DC24V	108×115	16.7:1	1500	4.21	electronically controlled common rail	≤205		HQF-100	self-excitation	YC	HQ100GF
40	K、KY	HQ100GF	YC	137.5	110	125	100	2000	940		YC4A155-D30	113	103	170	DC24V	108×132	16.0:1	1500	4.84	electronically controlled common rail	≤210		HQF-100	self-excitation	YC	HQ100GF
41	K、KY	HQ100GF	YC	137.5	110	125	100	2370	940	1386	YC4A165-D30	121	110	170	DC24V	108×132	16.0:1	1500	4.84	electronically controlled common rail	≤210		HQF-100	self-excitation	YC	HQ100GF
42	K、KY	HQ100GF	YC	137.5	110	125	100	2370	940		YCA05165-D40	121	110		DC24V			1500		common rail			HQF-100	self-excitation	YC	HQ100GF
43	K、KY	HQ120GF	YC	165	132	150	120	2370	940		YC4A180L-D20	132	120		DC24V	108×132		1500		elect						

NO.	STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	STANDBY POWER		NORMAL POWER		OUTER DIMENSIONS			ENGINE MODEL	STANDBY POWER FOR ENGINE (kW)	NORMAL POWER FOR ENGINE (kW)	BASE TANK (L)	STARTING MODE	CYLINDER DIAMETER STROKE LENGTH (mm)	COMPRESSION RATIO	SPEED (r/min)	DISPLACEMENT (L)	FUEL SYSTEM	FUEL CONSUMPTION g/(kW·h)	LUBRICANT CAPACITY (L)	GENERATOR MODEL	GENERATOR EXCITATION MODE	SET SERIES	GENERATOR SET MODE
				(kVA)	(kW)	(kVA)	(kW)	L (mm)	W (mm)	H (mm)																
47	K、KY	HQ120GF	YC	165	132	150	120	2370	940		YCA05190-D40	138	125		DC24V			1500		common rail			HQF-120	self-excitation	YC	HQ120GF
48	K、KY	HQ120GF	YC	165	132	150	120	2370	940		YC6B210L-D20	152	138		DC24V			1500		electronic speed controller			HQF-120	self-excitation	YC	HQ120GF
49	K、KY	HQ120GF	YC	165	132	150	120	2370	940		YCD6Q23H8-210	154	140		DC24V	108×135		1500		common rail			HQF-120	self-excitation	YC	HQ120GF
50	K、KY	HQ120GF	YC	165	132	150	120	2370	940		YCA05210-D40	154	140		DC24V			1500		common rail			HQF-120	self-excitation	YC	HQ120GF
51	K、KY	HQ120GF	YC	165	132	150	120	2470	940		YC6A205-D30	152	138		DC24V	108×132	17.5:1	1500	7.25	electronically controlled common rail	≤200	20	HQF-120	self-excitation	YC	HQ120GF
52	K、KY	HQ150GF	YC	206.3	165	187.5	150	2470	940		YC6A230L-D20	170.5	155		DC24V			1500		mechanical speed controller			HQF-150	self-excitation	YC	HQ150GF
53	K、KY	HQ150GF	YC	206.3	165	187.5	150	2470	940		YC6A245L-D21	181	165	200	DC24V	108×132	17.5:1	1500	7.255	electronic speed controller	≤200	22	HQF-150	self-excitation	YC	HQ150GF
54	K、KY	HQ150GF	YC	206.3	165	187.5	150	2470	940		YCA08230-D40	171	155		DC24V			1500		common rail			HQF-150	self-excitation	YC	HQ150GF
55	K、KY	HQ150GF	YC	206.3	165	187.5	150	2470	940		YC6A230-D30	171	155	200	DC24V	108×132	17.5:1	1500	7.25	electronically controlled common rail	≤200		HQF-150	self-excitation	YC	HQ150GF
56	K、KY	HQ150GF	YC	206.3	165	187.5	150	2470	940		YC6A245-D30	181	165	200	DC24V	108×132	17.5:1	1500	7.25	electronically controlled common rail	≤200	22	HQF-150	self-excitation	YC	HQ150GF
57	K、KY	HQ150GF	YC	206.3	165	187.5	150	2470	940		YCA08245-D40	181	165		DC24V			1500		common rail			HQF-150	self-excitation	YC	HQ150GF
58	K、KY	HQ180GF	YC	247.5	198	225	180	2470	940		YC6A275-D30	203	185	200	DC24V	108×132	17.5:1	1500	7.25	electronically controlled common rail	≤200		HQF-180	self-excitation	YC	HQ180GF
59	K、KY	HQ150GF	YC	247.5	198	225	180	2470	940		YCA08275-D40	203	185		DC24V			1500		common rail			HQF-150	self-excitation	YC	HQ150GF
60	K、KY	HQ180GF	YC	247.5	198	225	180	2900	1090		YCD6Q33H6-260	209	190	200	DC24V	108×135		1500		common rail			HQF-180	self-excitation	YC	HQ180GF
61	K、KY	HQ200GF	YC	275	220	250	200	2900	1090		YCA08315-D40	231	210		DC24V			1500		common rail			HQF-200	self-excitation	YC	HQ200GF
62	K、KY	HQ200GF	YC	275	220	250	200	2900	1090		YC6MK350L-D20	258.5	235	380	DC24V	123×145	16.8:1	1500	10.338	electronic speed controller	≤195	28	HQF-200	self-excitation	YC	HQ200GF
63	K、KY	HQ200GF	YC	275	220	250	200	2900	1090		YC6MK350-D30	259	235	380	DC24V	123×145	16.8:1	1500	10.34	electronically controlled common rail	≤195	28	HQF-200	self-excitation	YC	HQ200GF
64	K、KY	HQ200GF	YC	275	220	250	200	2900	1090	1505	YCA08350-D40	259	235		DC24V			1500		common rail			HQF-200	self-excitation	YC	HQ200GF
65	K、KY	HQ200GF	YC	275	220	250	200	2900	1090		YCMK10350-D40	259	235		DC24V			1500		common rail			HQF-200	self-excitation	YC	HQ200GF
66	K、KY	HQ200GF	YC	275	220	250	200	2900	1090	1588	YCA08350-D30	259	235	380	DC24V	110×132	17.5:1	1500	7.53	common rail			HQF-200	self-excitation	YC	HQ200GF
67	K、KY	HQ200GF	YC	275	220	250	200	2900	1090	1588	YC6MK360L-D20	251	235		DC24V			1500		electronic speed controller			HQF-200	self-excitation	YC	HQ200GF
68	K、KY	HQ250GF	YC	350	280	312.5	250	2900	1090		YC6MK420L-D20	309	281	380	DC24V	123×145	16.8:1	1500	10.338	electronic speed controller	≤195	28	HQF-250	self-excitation	YC	HQ250GF
69	K、KY	HQ250GF	YC	350	280	312.5	250	2900	1090		YC6MK420L-D21	309	281	380	DC24V	123×145		1500		electronic speed controller			HQF-250	self-excitation	YC	HQ250GF
70	K、KY	HQ250GF	YC	350	280	312.5	250	2900	1090		YCMK10435-D40	320	291		DC24V			1500		common rail			HQF-250	self-excitation	YC	HQ250GF
71	K、KY	HQ300GF	YC	412.5	330	375	300	2900	1090		YC6MK460L-D20	338	/	380	DC24V	123×145		1500		electronic speed controller			HQF-300	self-excitation	YC	HQ300GF
72	K、KY	HQ250GF	YC	350	280	312.5	250	2900	1090		YC6MK420-D30	309	281	380	DC24V	123×145	16.8:1	1500	10.34	electronically controlled common rail	≤195	28	HQF-250	self-excitation	YC	HQ250GF
73	K、KY	HQ300GF	YC	412.5	330	375	300	2900	1090		YC6MJ480L-D20	352	321		DC24V			1500		electronic speed controller			HQF-300	self-excitation	YC	HQ300GF
74	K、KY	HQ300GF	YC	412.5	330	375	300	2900	1090		YCMK10480-D40	352	320		DC24V			1500		common rail			HQF-300	self-excitation	YC	HQ300GF
75	K、KY	HQ300GF	YC	412.5	330	375	300	2900	1090		YC6MJ500L-D21	367	334	380	DC24V	131×145		1500		electronic speed controller			HQF-300	self-excitation	YC	HQ300GF
76	K、KY	HQ300GF	YC	412.5	330	375	300	2900	1090		YC6MJ515L-D22	367	334		DC24V			1500		electronic speed controller			HQF-300	self-excitation	YC	HQ300GF
77	K、KY	HQ300GF	YC	412.5	330	375	300	2900	1090	1764	YCMJ12520-D40	385	350		DC24V			1500		common rail			HQF-300	self-excitation	YC	HQ300GF
78	K、KY	HQ300GF	YC	412.5	330	375	300	2900	1090		YC6MK450-D30	331	301	380	DC24V	123×145	16.8:1	1500	10.34	electronically controlled common rail	≤195		HQF-300	self-excitation	YC	HQ300GF
79	K、KY	HQ300GF	YC	412.5	330	375	300	3100	1200		YC6MJ500-D30	367	334	380	DC24V	131×145	16.8:1	1500	11.73	electronically controlled common rail	≤195		HQF-300	self-excitation	YC	HQ300GF
80	K、KY	HQ300GF	YC	412.5	330	375	300	3100	1200		YC6K500-D31	370	335	380	DC24V	129×155	16.5:1	1500	12.16	electronically controlled common rail		32	HQF-300	self-excitation	YC	HQ300GF
81	K、KY	HQ300GF	YC	412.5	330	375	300	3100	1200		YC6K500-D30	370	335	380	DC24V	129×155	16.5:1	1500	12.16	electronically controlled common rail			HQF-300	self-excitation	YC	HQ300GF
82	K、KY	HQ350GF	YC	487.5	390	437.5	350	3500	1500		YC6K520-D30	382	356		DC24V	129×155	16.5:1	1500	12.16	electronically controlled common rail			HQF-350	self-excitation	YC	HQ350GF
83	K、KY	HQ350GF	YC	487.5	390	437.5	350	3500	1500	1795	YC6MJ540-D30	402	365		DC24V	131×145	16.8:1	1500	11.73	electronically controlled common rail	≤195		HQF-350	self-excitation	YC	HQ350GF
84	K、KY	HQ350GF	YC	487.5	390	437.5	350	3500	1500		YCMJ12550-D40	407	370		DC24V			1500		common rail			HQF-350	self-excitation	YC	HQ350GF
85	K、KY	HQ400GF	YC	550	440	500	400	3500	1500		YC6T600L-D22	441	401	490	DC24V	145×165		1500		electronic speed controller			HQF-400	self-excitation	YC	HQ4

NO.	STRUCTURE TYPE	GENERATOR SET MODE	SET SERIES	STANDBY POWER		NORMAL POWER		OUTER DIMENSIONS			ENGINE MODEL	STANDBY POWER FOR ENGINE (kW)	NORMAL POWER FOR ENGINE (kW)	BASE TANK (L)	STARTING MODE	CYLINDER DIAMETER STROKE LENGTH (mm)	COMPRESSION RATIO	SPEED (r/min)	DISPLACEMENT (L)	FUEL SYSTEM	FUEL CONSUMPTION g/(kW·h)	LUBRICANT CAPACITY (L)	GENERATOR MODEL	GENERATOR EXCITATION MODE	SET SERIES	GENERATOR SET MODE
				(kVA)	(kW)	(kVA)	(kW)	L (mm)	W (mm)	H (mm)																
93	K, KY	HQ400GF	YC	550	440	500	400	3500	1500		YC6T660-D31	485	441		DC24V	145×165	15.0:1	1500	16.35	electronically controlled single pump	≤195		HQF-400	self-excitation	YC	HQ400GF
94	K, KY	HQ500GF	YC	687.5	550	625	500	3500	1500		YC6K780-D30	572	/		DC24V			1500		common rail			HQF-500	self-excitation	YC	HQ500GF
95	K, KY	HQ500GF	YC	687.5	550	625	500	3500	1500		YC6T780-D31	572	/		DC24V			1500		electronically controlled single pump			HQF-500	self-excitation	YC	HQ500GF
96	K, KY	HQ500GF	YC	687.5	550	625	500	3500	1500		YC6TD780-D31	572	520		DC24V	152×180	14.0:1	1500	19.6	electronically controlled single pump	≤195		HQF-500	self-excitation	YC	HQ500GF
97	K, KY	HQ500GF	YC	687.5	550	625	500	3500	1500		YC6TD840-D31	616	561		DC24V	152×180	14.0:1	1500	19.6	electronically controlled single pump	≤195		HQF-500	self-excitation	YC	HQ500GF
98	K, KY	HQ500GF	YC	687.5	550	625	500	3500	1500		YC6TD840-D30	616	561		DC24V	152×180	14.0:1	1500	19.6	electronically controlled common rail	≤195		HQF-500	self-excitation	YC	HQ500GF
99	K, KY	HQ550GF	YC	762.5	610	687.5	550	3500	1500		YC6TD900-D31	665	605		DC24V	152×180	14.0:1	1500	19.6	electronically controlled single pump	≤195		HQF-550	self-excitation	YC	HQ550GF
100	K, KY	HQ550GF	YC	762.5	610	687.5	550	3500	1500		YC6TD900-D30	665	605		DC24V	152×180	14.0:1	1500	19.6	electronically controlled common rail	≤195		HQF-550	self-excitation	YC	HQ550GF
101	K, KY	HQ600GF	YC	825	660	750	600	3500	1500		YC6TD1000-D31	735	668		DC24V			1500					HQF-600	self-excitation	YC	HQ600GF
102	K, KY	HQ600GF	YC	825	660	750	600	4500	1700		YC6TD1000-D30	735	668		DC24V	152×180	14.0:1	1500	19.6	electronically controlled common rail	≤195		HQF-600	self-excitation	YC	HQ600GF
103	K, KY	HQ650GF	YC	900	720	812.5	650	4500	1700		YC6C1020-D31	748	680		DC24V	200×210	14.5:1	1500	39.58	electronically controlled single pump			HQF-650	self-excitation	YC	HQ650GF
104	K, KY	HQ650GF	YC	900	720	812.5	650	4500	1700		YC6C1070-D31	787	715		DC24V	200×210	14.5:1	1500	39.58	electronically controlled single pump			HQF-650	self-excitation	YC	HQ650GF
105	K, KY	HQ650GF	YC	900	720	812.5	650	4500	1700		YC6TH1070-D31	787	715		DC24V	175×195	15.0:1	1500	28.14	electronically controlled single pump			HQF-650	self-excitation	YC	HQ650GF
106	K, KY	HQ700GF	YC	962.5	770	875	700	4500	1700		YC6TD1100-D30	815	741		DC24V			1500		common rail			HQF-700	self-excitation	YC	HQ700GF
107	K, KY	HQ800GF	YC	1100	880	1000	800	4500	1700		YC6C1220-D31	897	815		DC24V	200×210	14.5:1	1500	39.58	electronically controlled single pump			HQF-800	self-excitation	YC	HQ800GF
108	K, KY	HQ800GF	YC	1100	880	1000	800	4500	1700		YC6C1320-D31	968	880		DC24V	200×210	14.5:1	1500	39.58	electronically controlled single pump			HQF-800	self-excitation	YC	HQ800GF
109	K, KY	HQ800GF	YC	1100	880	1000	800	4500	1700		YC6TH1320-D31	968	880		DC24V	175×195	15.0:1	1500	28.14	electronically controlled single pump			HQF-800	self-excitation	YC	HQ800GF
110	K, KY	HQ800GF	YC	1100	880	1000	800	4500	1700	2370	YC12VTD1350-D32	990	900		DC24V			1500		electronically controlled common rail			HQF-800	self-excitation	YC	HQ800GF
111	K, KY	HQ800GF	YC	1100	880	1000	800	4500	1700		YC12VTD1350-D30	990	900		DC24V	152×180	14.0:1	1500	39.2	electronically controlled common rail	≤198		HQF-800	self-excitation	YC	HQ800GF
112	K, KY	HQ900GF	YC	1237.5	990	1125	900	4500	1700		YC12VTD1500-D32	1100	1000		DC24V			1500		electronically controlled common rail			HQF-900	self-excitation	YC	HQ900GF
113	K, KY	HQ900GF	YC	1237.5	990	1125	900	4500	1700		YC6C1520-D31	1118	1016		DC24V	200×210	14.5:1	1500	39.58	electronically controlled single pump	≤195		HQF-900	self-excitation	YC	HQ900GF
114	K, KY	HQ900GF	YC	1237.5	990	1125	900	4500	1700		YC12VTD1500-D30	1100	1000		DC24V	152×180	14.0:1	1500	39.2	electronically controlled common rail	≤198		HQF-900	self-excitation	YC	HQ900GF
115	K, KY	HQ1000GF	YC	1375	1100	1250	1000	4500	1700		YC6C1660-D30	1221	1110		DC24V	200×210	14.5:1	1500	39.58	electronically controlled common rail	≤195		HQF-1000	self-excitation	YC	HQ1000GF
116	K, KY	HQ1000GF	YC	1375	1100	1250	1000	4500	1700		YC6TF1660-D31	1221	/		DC24V			1500		electronically controlled single pump			HQF-1000	self-excitation	YC	HQ1000GF
117	K, KY	HQ1000GF	YC	1375	1100	1250	1000	4500	1700	2347	YC6C1660-D31	1221	1110		DC24V	200×210		1500		electronically controlled single pump			HQF-1000	self-excitation	YC	HQ1000GF
118	K, KY	HQ1000GF	YC	1375	1100	1250	1000	4500	1700		YC12VTD1680-D30	1232	1120		DC24V	152×180	14.0:1	1500	39.2	electronically controlled common rail	≤198		HQF-1000	self-excitation	YC	HQ1000GF
119	K, KY	HQ1000GF	YC	1375	1100	1250	1000	4500	1700		YC12VTD1680-D32	1232	1120		DC24V			1500		electronically controlled common rail			HQF-1000	self-excitation	YC	HQ1000GF
120	K, KY	HQ1000GF	YC	1375	1100	1250	1000	4500	1700	2573	YC12VTD2070-D32	1232	1120		DC24V			1500		electronically controlled common rail			HQF-1000	self-excitation	YC	HQ1000GF
121	K, KY	HQ1100GF	YC	1500	1200	1375	1100	4500	1700		YC12VTD1830-D30	1342	1220		DC24V	152×180	14.0:1	1500	39.2	electronically controlled common rail	≤198		HQF-1100	self-excitation	YC	HQ1100GF
122	K, KY	HQ1200GF	YC	1687.5	1350	1500	1200	4500	1700		YC12VTD2000-D30	1480	1345		DC24V	152×180	14.0:1	1500	39.2	electronically controlled common rail	≤198		HQF-1200	self-excitation	YC	HQ1200GF
123	K, KY	HQ1300GF	YC	1812.5	1450	1625	1300	4500	1700		YC12VC2070-D31	1520	1380		DC24V	200×210	13.5:1	1500	79.17	electronically controlled single pump	≤196		HQF-1300	self-excitation	YC	HQ1300GF
124	K, KY	HQ1300GF	YC	1812.5	1450	1625	1300	4800	2200		YC12VC2170-D33	1595	1450		DC24V	200×210		1200	79.17	electronically controlled single pump	≤196		HQF-1300	self-excitation	YC	HQ1300GF
125	K, KY	HQ1400GF	YC	1937.5	1550	1750	1400	4800	2200		YC16VTD2270-D30	1672	1520		DC24V	152×180	14.0:1	1500	52.26	electronically controlled common rail			HQF-1400	self-excitation	YC	HQ1400GF
126	K, KY	HQ1400GF	YC	1937.5	1550	1750	1400	5300	2100		YC12VC2270-D31	1670	1520		DC24V	200×210	13.5:1	1500	79.17	electronically controlled single pump	≤196		HQF-1400	self-excitation	YC	HQ1400GF
127	K, KY	HQ1500GF	YC	2062.5	1650	1875	1500	5300	2100		YC16VTD2510-D30	1850	1680		DC24V	152×180	14.0:1	1500	52.26	electronically controlled common rail			HQF-1500	self-excitation	YC	HQ1500GF
128	K, KY	HQ1500GF	YC	2062.5	1650	1875	1500	5300	2100		YC12VC2510-D31	1850</														

Silent Generator Sets



- ◆The sets are rainproof, moisture-proof, antifreeze, and low noise performance is obvious with 72dB(A) limitation (7 meters away from the sets), in line with China's national noise requirement.
- ◆Spraying plastics technology is applied to make corrosion resistance and no rust.
- ◆Upgraded thickened perforated galvanized sound insulation board + 6cm thickened sound insulation cotton, sealed noise propagation.
- ◆The silent box adopts the thickened cold plate shear plate as a whole to bend, the overall structure is solid, beautiful appearance.
- ◆The three-layer blocking air inlet and exhaust muffler not only effectively ensures the sufficient input of fresh air, but also effectively seals the noise and plays a mute and noise reduction effect.
- ◆Large capacity base tank. The refueling port is designed on the outside of the box and has a protection setting to facilitate the addition of fuel. The fuel tank is equipped with a magnetic flap level design in a convenient observation position and a fuel position sensor with analog quantity to facilitate monitoring personnel to read the level in time.



STRUCTURE TYPE	GENERATOR SET MODEL	ALTERNATIVE SERIES	STANDBY POWER		NORMAL POWER	
			(kVA)	(kW)	(kVA)	(kW)
J	HQ15GF	KMS、WC、YC	20.625	16.5	18.75	15
J	HQ30GF	KMS、WC、YC	41.25	33	37.5	30
J	HQ50GF	KMS、WC、YC	68.75	55	62.5	50
J	HQ75GF	KMS、WC、YC	103.125	82.5	93.75	75
J	HQ100GF	KMS、WC、YC	137.5	110	125	100
J	HQ150GF	KMS、WC、YC	206.25	165	187.5	150
J	HQ200GF	KMS、WC、YC	275	220	250	200
J	HQ250GF	KMS、WC、YC	343.75	275	312.5	250
J	HQ300GF	KMS、WC、YC	412.5	330	375	300
J	HQ350GF	KMS、WC、YC	481.25	385	437.5	350
J	HQ400GF	WC、YC	550	440	500	400
J	HQ400GF	KMS	550	440	500	400
J	HQ500GF	KMS、YC	687.5	550	625	500
J	HQ500GF	WC	687.5	550	625	500
J	HQ600GF	WC、YC	825	660	750	600
J	HQ600GF	KMS	825	660	750	600
J	HQ800GF	KMS、WC、YC	1100	880	1000	800
J	HQ1000GF	KMS、WC、YC	1375	1100	1250	1000

GENERATOR SET MODEL	OUTER DIMENSIONS			CANOPY DIMENSION			BASE DIMENSION			dBA		WEIGHT (kg)	OIL TANK (L)
	L (mm)	W (mm)	H (mm)	L (mm)	W (mm)	H (mm)	L (mm)	W (mm)	H (mm)	dBA@1m ·	dBA@7m ·		
HQ15GF	1900	950	1260	1800	950	1000	1900	950	260	≥85	75-80	K+236	95
HQ30GF	2400	940	1570	2300	940	1270	2400	940	300	≥85	75-80	K+351	105
HQ50GF	2550	1100	1570	2450	1100	1270	2550	1100	300	≥85	75-80	K+422	160
HQ75GF	3000	1050	1700	2900	1050	1400	3000	1050	300	≥85	75-80	K+536	165
HQ100GF	3000	1050	1700	2900	1050	1400	3000	1050	300	≥85	75-80	K+536	165
HQ150GF	3200	1100	1770	3100	1100	1470	3200	1100	300	≥85	75-80	K+545	175
HQ200GF	3800	1300	1950	3700	1300	1650	3800	1300	300	≥85	75-80	K+707	270
HQ250GF	3800	1300	1950	3700	1300	1650	3800	1300	300	≥85	75-80	K+707	270
HQ300GF	3800	1300	1950	3700	1300	1650	3800	1300	300	≥85	75-80	K+933	480
HQ350GF	4100	1500	2100	4000	1500	1800	4100	1500	300	≥85	75-80	K+933	480
HQ400GF	4100	1500	2100	4000	1500	1800	4100	1500	300	≥85	75-80	K+1268	475
HQ400GF	4500	1900	2360	4400	1900	2000	4500	1900	360	≥85	75-80	K+1268	475
HQ500GF	4500	1900	2360	4400	1900	2000	4500	1900	360	≥85	75-80	K+1466	640
HQ500GF	5000	1900	2510	4900	1900	2150	5000	1900	360	≥85	75-80	K+1466	640
HQ600GF	5000	1900	2510	4900	1900	2150	5000	1900	360	≥85	75-80	K+1589	840
HQ600GF	5300	2200	2660	5300	2200	2300	5300	2200	360	≥85	75-80	K+1589	840
HQ800GF	5300	2200	2660	5300	2200	2300	5300	2200	360	≥85	75-80	K+2139	970
HQ1000GF	5300	2200	2660	5300	2200	2300	5300	2200	360	≥85	75-80	K+2139	970

The container power station is a highly integrated and intelligent power station developed by the strong R & D team of Huaquan Power according to the market demand. It highly integrates the various systems involved in the standard container, which are assembled in the factory, greatly simplifying the site construction project, and is favored by the majority of users.

The container power station integrates power unit, electricity-energy conversion unit, heat exchange unit and carrying unit, and the system includes exhaust noise reduction system, smoke exhaust system, fuel automatic control system, control system, power output system, fire protection system, security system and heating system. High integration brings high efficiency, high energy saving, low input and low operating costs.

- ♦ 20/40 international standard container (Certified by CSC)
- ♦ inlet and exhaust silencer
- ♦ 6cm thickened sound insulation cotton + thickened galvanized perforated sound insulation board
- ♦ standard oil tank
- ♦ steel inner bottom plate
- ♦ double side doors, built-in stainless steel hinge
- ♦ design of high integration and intelligence



standard container 20S

standard container 40HC

STRUCTURE TYPE	GENERATOR SET MODEL	SET SERIES	STANDBY POWER		NORMAL POWER		CONTAINER SPECIFICATION	OUTER DIMENSIONS			WEIGHT (kg)	OIL TANK (L)
			(kVA)	(kW)	(kVA)	(kW)		L (mm)	W (mm)	H (mm)		
X	HQ200GF		275	220	250	200	STANDARD 20S	6058	2438	2591	K+7000	1000
X	HQ250GF		343.75	275	312.5	250	STANDARD 20S	6058	2438	2591	K+7000	1000
X	HQ300GF		412.5	330	375	300	STANDARD 20S	6058	2438	2591	K+7000	1000
X	HQ350GF		481.25	385	437.5	350	STANDARD 20S	6058	2438	2591	K+7000	1000
X	HQ400GF		550	440	500	400	STANDARD 20S	6058	2438	2591	K+7000	1000
X	HQ500GF		687.5	550	625	500	NONSTANDARD 6	6500	2438	2896	K+9000	1000
X	HQ600GF		825	660	750	600	NONSTANDARD 6	6500	2438	2896	K+10000	1000
X	HQ700GF		962.5	770	875	700	NONSTANDARD 6	6500	2438	2896	K+11000	1000
X	HQ800GF		1100	880	1000	800	NONSTANDARD 8	8000	2438	2896	K+11500	1000
X	HQ900GF		1237.5	990	1125	900	NONSTANDARD 8	8000	2438	2896	K+12500	1000



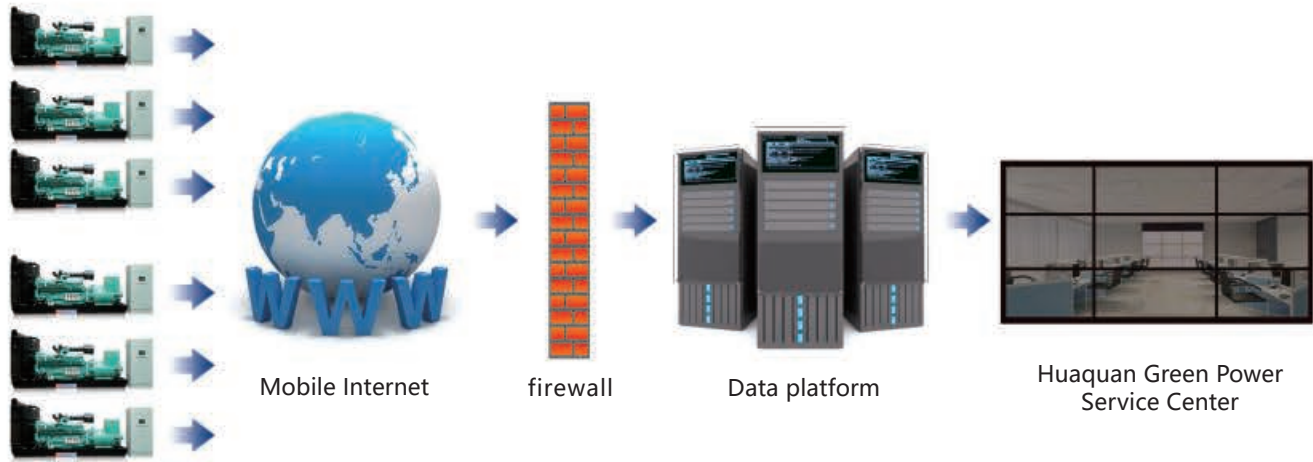
nonstandard containers

STRUCTURE TYPE	GENERATOR SET MODEL	SET SERIES	STANDBY POWER		NORMAL POWER		CONTAINER SPECIFICATION	OUTER DIMENSIONS			WEIGHT (kg)	OIL TANK (L)
			(kVA)	(kW)	(kVA)	(kW)		L (mm)	W (mm)	H (mm)		
X	HQ1000GF		1375	1100	1250	1000	NONSTANDARD 10	10000	2438	2896	K+13500	1000
X	HQ1100GF		1512.5	1210	1375	1100	NONSTANDARD 10	10000	2438	2896	K+14000	1000
X	HQ1200GF		1650	1320	1500	1200	NONSTANDARD 10	10000	2438	2896	K+15000	1000
X	HQ1300GF		1787.5	1430	1625	1300	NONSTANDARD 10	10000	2438	2896	K+15500	1000
X	HQ1400GF		1925	1540	1750	1400	NONSTANDARD 10	10000	2438	2896	K+16500	1000
X	HQ1500GF		2062.5	1650	1875	1500	STANDARD40HC	12192	2438	2896	K+18000	1000
X	HQ1600GF		2200	1760	2000	1600	STANDARD40HC	12192	2438	2896	K+18000	1000
X	HQ1700GF		2337.5	1870	2125	1700	STANDARD40HC	12192	2438	2896	K+18000	1000
X	HQ1800GF		2475	1980	2250	1800	STANDARD40HC	12192	2438	2896	K+18000	1000
X	HQ2000GF		2750	2200	2500	2000	STANDARD40HC	12192	2438	2896	K+18000	1000



STRUCTURE TYPE	GENERATOR SET MODEL	SET SERIES	STANDBY POWER		NORMAL POWER		TRAILER TYPE	TRAILER DIMENSION			时速 (km/h)	WEIGHT (kg)	OIL TANK (L)
			(kVA)	(kW)	(kVA)	(kW)		L (mm)	W (mm)	H (mm)			
TF	HQ15GF		20.625	16.5	18.75	15	FOUR-WHEEL TRAILER	2000	1300	720	25	K+293	102
TF	HQ30GF		41.25	33	37.5	30	FOUR-WHEEL TRAILER	2400	1500	790	25	K+390	102
TF	HQ50GF		68.75	55	62.5	50	FOUR-WHEEL TRAILER	2550	1500	790	25	K+407	160
TF	HQ75GF		103.125	82.5	93.75	75	FOUR-WHEEL TRAILER	3000	1500	790	25	K+410	153
TF	HQ100GF		137.5	110	125	100	FOUR-WHEEL TRAILER	3000	1500	790	25	K+410	153
TF	HQ150GF		206.25	165	187.5	150	FOUR-WHEEL TRAILER	3200	1500	790	25	K+420	161
TF	HQ200GF		275	220	250	200	FOUR-WHEEL TRAILER	3800	1900	830	25	K+610	273
TF	HQ250GF		343.75	275	312.5	250	FOUR-WHEEL TRAILER	3800	1900	830	25	K+610	273
TF	HQ300GF		412.5	330	375	300	four-wheel trailer with heavy axle	4100	1900	830	25	K+640	321
TF	HQ350GF		481.25	385	437.5	350	four-wheel trailer with heavy axle	4100	1900	830	25	K+640	321
TF	HQ400GF		550	440	500	400	six-wheel trailer with heavy axle	5000	2600	1050	25	K+1083	499
TF	HQ500GF		687.5	550	625	500	eight-wheel trailer with heavy axle	5000	2600	1050	25	K+1083	601
TF	HQ600GF		825	660	750	600	eight-wheel trailer with heavy axle	5000	2600	1050	25	K+1083	828
TF	HQ800GF		1100	880	1000	800	eight-wheel trailer with heavy axle	5000	2600	1050	25	K+1083	828
TF	HQ1000GF		1375	1100	1250	1000	eight-wheel trailer with heavy axle	5000	2600	1050	25	K+1083	828
TF	/						HIGH-SPEED TRAILER				80		
TF	/						HIGH-SPEED TRAILER				80		
TF	/						HIGH-SPEED TRAILER				80		

Huaquan Cloud platform is a high-tech generator technical service system built on the basis of standardized services. Huaquan Cloud service system consists of a set remote transmission system, data center, server and service center. It uses wireless transmission to access the Internet, can remotely watch the standby and normal operation of the generator set all day long, and automatically processes the data of the set all day long, so that the set can operate efficiently. When a potential hazard or failure occurs, the system will automatically send an early warning or alarm to the control terminal within ten seconds to take necessary corrective measures to avoid damage to the equipment, unnecessary property losses and adverse affecting on customer use.



The single-unit control module selected by Huaquan Power can be used to control a single generator set to provide advanced monitoring and protection functions for EFI or non-EFI engines.

The control module can display the set voltage, set frequency, battery voltage, engine speed, engine running time and other parameters. In addition, the control module can provide set protection functions: over-frequency protection, over-voltage protection, low oil pressure protection, high water temperature protection, starting failure, battery charging failure, emergency shutdown and alarm.

Features and Characteristics

- ◆LCD display with backlight, multi-language display, touch the button operation.
 - ◆RS485 communication interface, can achieve the "three remote" function.
 - ◆Power supply range (8~35) VDC, can adapt to different starting battery voltage environment.
 - ◆All parameters are adjusted digitally, abandoning the analog adjustment method of conventional potentiometer, which improves the reliability and stability of the whole machine.
- ◆With maintenance function, maintenance type can be selected as date or running time, maintenance to action can be set (warning or alarm stop).
 - ◆With historical record, real-time clock, timing switch function.
 - ◆A rubber seal ring is designed between the shell and the control panel, with IP55 protection performance.
 - ◆The controller is fixed with metal clips.
 - ◆Modular structure design, flame-retardant ABS housing, pluggable terminal, embedded installation mode, compact structure, easy installation.



MODEL TYPE	AUTO-MAINS FAILURE (AMF)	AUTO-PARALLEL MODE	AUTO-GRID-CONNECTED MODE	MULTI-GRID-CONNECTED MODE
MODE	HGM6120	HGM9510	HGM9520	HGM9560
MODE	AMF25	IG-NTC-GC	IM-NT	DSE8660

AMF refers to the Auto-Mains Failure function. That is, the control module detects the mains undervoltage, voltage loss, and phase loss, determines the mains fault, and sends the self-starting command to the generator set, which automatically closes after running to the rated speed voltage, replacing the mains power supply.



HGM6120



HGM9510



DSE6020



DSE7320



DSE8610

CONTROLLER BASIC FUNCTIONS

control system		OPTIONAL HGM6120	OPTIONAL HGM9510	OPTIONAL DSE6020	OPTIONAL DSE7320	OPTIONAL DSE8610
function display	ATS	●	x	●	●	●
	Parallel	x	●	x	x	●
	set voltage	●	●	●	●	●
	load current	●	●	●	●	●
	set frequency	●	●	●	●	●
	engine speed	●	●	●	●	●
	set power	●	●	●	●	●
	power factor	●	●	●	●	●
	run time	●	●	●	●	●
	engine oil pressure	●	●	●	●	●
	engine water temperature	●	●	●	●	●
	storage battery voltage	●	●	●	●	●
	fuel quantity	●	●	●	●	●
	mains voltage	●	x	●	●	x
	mains frequency	●	x	●	●	x
protection	mains current	●	x	●	●	x
	low oil pressure alarm	●	●	●	●	●
	high water temperature alarm	●	●	●	●	●
	overspeed alarm	●	●	●	●	●
	battery charging failure alarm	●	●	●	●	●
	reverse power	x	●	x	●	●
	over-frequency	●	●	●	●	●
	overvoltage	●	●	●	●	●
	overspeed	●	●	●	●	●
	overcurrent	●	●	●	●	●
	starting failure	●	●	●	●	●
	shutdown failure	●	●	●	●	●
	urgent automatic shutdown and alarm	●	●	●	●	●
	remote input and output	●	●	●	●	●
	load sharing	x	●	x	x	●
	start-stop controlled by text	●	x	x	●	●

- “●”means available, “x”means unavailable;
- Other modes are available in line with the special needs of customers.

When the mains power is off or the voltage is lower than the normal voltage, the ATS will start the emergency generator set within 0-10 seconds (adjustable), and then switch the load power from the mains to the generator set, which supplies power to the load.

When the mains returns to normal, the ATS automatically switches the load power from the generator set to the mains, and then the generator set stops working.

ATS MODE	RATED CURRENT	OUTER DIMENSIONS			SWITCHING TIME	AVAILABLE SET MODE
		L (mm)	W (mm)	H (mm)		
SKT2 100A/4P/M1	100A	850	400	180	1.2S	KMS、WC、YC
SKT2 160A/4P/M1	160A	1100	500	210	1.2S	KMS、WC、YC
SKT2 300A/4P/M1	300A	1300	600	500	1.2S	KMS、WC、YC
SKT2 400A/4P/M1	400A	1300	600	500	0.6S	KMS、WC、YC
SKT2 630A/4P/M1	630A	1300	600	500	0.6S	KMS、WC、YC
SKT2 800A/4P/M1	800A	1600	800	600	1.2S	KMS、WC、YC
SKT2 1000A/4P/M1	1000A	1600	800	600	1.2S	KMS、WC、YC
SKT2 1200A/4P/M1	1200A	1600	800	600	1.2S	KMS、WC、YC
SKT2 1600A/4P/M1	1600A	1600	800	600	1.2S	KMS、WC、YC
SKT2 2000A/4P/M1	2000A	2180	840	1000	2.4S	KMS、WC、YC
SKT2 2500A/4P/M1	2500A	2180	840	1000	2.4S	KMS、WC、YC
SKT2 3200A/4P/M1	3200A	2180	840	1000	2.4S	KMS、WC、YC



In the case of unmanned operation, the main power supply and the emergency power supply switch to each other.

The system aims to establish a stable and reliable parallel power supply system for diesel generator sets. Diesel generator set parallel system is equipped with automatic parallel control module and electric/air circuit breaker; According to the function, it can be divided into: multi-machine parallel, single machine and city network, island mode operation.

THE ORIGINAL IMPORTED PARALLEL CONTROL MODULE CAN MEET THE NEEDS OF COMPLEX AND DIVERSE LOAD DISTRIBUTION.

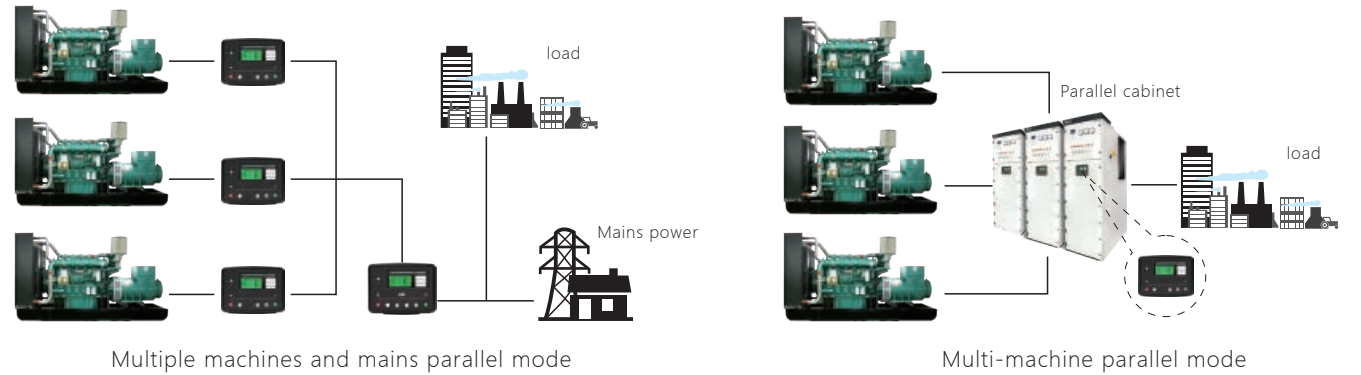
- The sets start in sequence.
- Load shifting is available.
- Auto-balance for every set's running time is available.
- Auto-matching between voltage and frequency.
- Auto-distribution between active power and reactive power.
- It can help customers use diesel generators more energy-efficient and environmentally friendly.



Characteristics of Huaquan Parallel System

- Scalability: When the user load increases, the system is scalable and can add a generator or be compatible with multiple generator synchronization systems to meet customer needs.
- High efficiency: Synchronization of several generators equals high-power generators to balance different loads. The number of generators can adjust load fluctuations, reduce fuel consumption and save costs.
- Reliability: When the load suddenly increases, the parallel generators can withstand more shock load fluctuations, and the loads between each single generator balance each other and complement each other strongly.

Huaquan Sets Parallel Mode



Gas Generator Sets

NO.	STRUCTURE TYPE	GAS GENERATOR SET MODE	SET SERIES	ENGINE MODEL	GAS TYPE	SPEED CONTROL MODE	GAS GENERATOR POWER	EMISSION STANDARD		CONFIGURATION	MOTOR POWER	CONTROLLER	SET SERIES	GAS GENERATOR SET MODE
1	K、J、X	HQ50NF	YC	YC4D90N-D30	NATURAL GAS/MARSH GAS	ESC	60//	III		Including gas intake valve group, gas control system and ignition system/air-to-air cooling	50KW	Four protections	YC	HQ50NF
2	K、J、X	HQ60NF	YC	YC4G115N-D30	NATURAL GAS/MARSH GAS	ESC	75//	III		Including gas intake valve group, gas control system and ignition system/air-to-air cooling	60KW	Four protections	YC	HQ60NF
3	K、J、X	HQ75NF	YC	YC6G155N-D30	NATURAL GAS/MARSH GAS	ESC	103//	III		Including gas intake valve group, gas control system and ignition system/air-to-air cooling	75KW	Four protections	YC	HQ75NF
4	K、J、X	HQ100NF	YC	YC6G180N-D30	NATURAL GAS/MARSH GAS	ESC	120//	III		Including gas intake valve group, gas control system and ignition system/air-to-air cooling	100KW	Four protections	YC	HQ100NF
5	K、J、X	HQ100NF	WC	WP6D120E200NG	NATURAL GAS/MARSH GAS	ESC	120/132	III		With air filter, with charging generator, with diesel engine mounting bracket, without water tank, instrument, silencer, general tools, etc.//	100KW	Four protections	WC	HQ100NF
6	K、J、X	HQ150NF	YC	YC6MK270N-D30	NATURAL GAS/MARSH GAS	ESC	180//	III		Including gas intake valve group, gas control system and ignition system/air-to-air cooling	150KW	Four protections	YC	HQ150NF
7	K、J、X	HQ150NF	WC	WP10D200E200NG	NATURAL GAS/MARSH GAS	ESC	182/200	III		With air filter, with charging generator, with diesel engine mounting bracket, without water tank, instrument, silencer, general tools, etc.//	150KW	Four protections	WC	HQ150NF
8	K、J、X	HQ180NF	YC	YC6MK315N-D30	NATURAL GAS	ESC	210//	III		Including gas intake valve group, gas control system and ignition system/air-to-air cooling	180KW	Four protections	YC	HQ180NF
9	K、J、X	HQ200NF	YC	YC6K350N-D30	NATURAL GAS/MARSH GAS	ESC	235//	III		Including gas intake valve group, gas control system and ignition system/air-to-air cooling	200KW	Four protections	YC	HQ200NF
10	K、J、X	HQ200NF	WC	WP12D264E200NG	NATURAL GAS/MARSH GAS	ESC	240/264	III		With air filter, with charging generator, with diesel engine mounting bracket, without water tank, instrument, silencer, general tools, etc.//	200KW	Four protections	WC	HQ200NF
11	K、J、X	HQ250NF	YC	YC6K420N-D30	NATURAL GAS	ESC	281//	III		Contains gas intake valve group, gas control system and ignition system/water-to-air cooling, medium and high pressure intake	250KW	Four protections	YC	HQ250NF
12	K、J、X	HQ250NF	YC	YC6T450N-D30	NATURAL GAS/MARSH GAS	ESC	300//	III		Including gas intake valve group, gas control system and ignition system/air-to-air cooling	250KW	Four protections	YC	HQ250NF
13	K、J、X	HQ250NF	WC	WP13D317E200NG	NATURAL GAS/MARSH GAS	ESC	//317	III		With air filter, with charging generator, with diesel engine mounting bracket, without water tank, instrument, silencer, general tools, etc.//	250KW	Four protections	WC	HQ250NF
14	K、J、X	HQ250NF	WC	WP13D317E300NG	NATURAL GAS	ESC	288//	III		With Woodward system, without water tank	250KW	Four protections	WC	HQ250NF
15	K、J、X	HQ300NF	YC	YC6TD500N-D31	MARSH GAS	ESC	335//	III		Including gas intake valve group, gas control system and ignition system/water-to-air cooling	300KW	Four protections	YC	HQ300NF
16	K、J、X	HQ350NF	YC	YC6TD550N-D31	MARSH GAS	ESC	365//	III		Including gas intake valve group, gas control system and ignition system/water-to-air cooling	320KW	Four protections	YC	HQ350NF
17	K、J、X	HQ350NF	YC	YC6TD600N-D32	NATURAL GAS	ESC	400//	III		Contains gas intake valve group, gas control system and ignition system/water-to-air cooling, medium and high pressure intake	360KW	Four protections	YC	HQ350NF
18	K、J、X	HQ350NF	YC	YC6TD600N-D31	NATURAL GAS	ESC	400//	III		Including gas intake valve group, gas control system and ignition system/water-to-air cooling	360KW	Four protections	YC	HQ350NF
19	K、J、X	HQ400NF	YC	YC6C750N-D30	NATURAL GAS/MARSH GAS	ESC	500//	III		Including gas intake valve group, gas control system and ignition system/water-to-air cooling	400KW	Four protections	YC	HQ400NF
20	K、J、X	HQ500NF	YC	YC6C935N-D30	NATURAL GAS/MARSH GAS	ESC	625//	III		Including gas intake valve group, gas control system and ignition system/water-to-air cooling	500KW	Four protections	YC	HQ500NF
21	K、J、X	HQ600NF	YC	YC6C1020N-D30	NATURAL GAS	ESC	680//	III		Including gas intake valve group, gas control system and ignition system/water-to-air cooling	600KW	Four protections	YC	HQ600NF
22	K、J、X	HQ800NF	YC	YC12VTD1350N-D31	MARSH GAS	ESC	900//	III		Including gas intake valve group, gas control system and ignition system/water-to-air cooling	800KW	Four protections	YC	HQ800NF
23	K、J、X	HQ800NF	YC	YC12VTD1350N-D30	NATURAL GAS	ESC	900//	III		Including gas intake valve group, gas control system and ignition system/water-to-air cooling	800KW	Four protections	YC	HQ800NF

Flood Control Emergency Water Pump

NO.	pump type	图示1	图示2	流量扬程	可选配置	输送介质		介质纯度	水泵特点	用途	应用领域
1	SINGLE-STAGE SPLIT PUMP			flow range 68-6276m³/h flow range 9-300m	Skid mount base,movable trailer, rainproof box, silent box, fire coupling, Bauer coupling, water separator, vacuum impregnating plant, four protections, self-starting.	Clean water, river water, rain water, sea water, less than 30% of large particles of sewage, long fiber impurity sewage, a large number of suspended matter sewage, low viscosity chemical corrosive liquid.		ssmall particulate matter	The open structure is easy to maintain; High cost performance and low maintenance cost; The parallel symmetrical structure of inlet and outlet pipe layout is simple; Diesel drive or electric drive optional.	Below 80°C circulating boiler water supply, building fire water supply, forest oil field fire water source long-distance water supply, garden agriculture sprinkler drip irrigation, high drop culture and planting irrigation, remote living water supply, fishing boat fishing operation flushing, municipal anti-dust and fog gun pressurization, ship fire extinguishing water supply.	Agricultural irrigation, building fire protection, boiler room, water conservancy engineering, industrial water supply and drainage, chemical plants, water plants, steel mills, thermal power plants, paper mills, water plants, etc.
2	SINGLE-STAGE CENTRIFUGAL PUMP			flow range 10-500m³/h flow range 10-100m	Skid mount base,movable trailer, rainproof box, silent box, fire coupling, Bauer coupling, water separator, vacuum impregnating plant, four protections, self-starting.	Clean water, river water, rain water, sea water, sewage containing small particles of sediment, chemical corrosive liquid		less than 1% particulate matter	Small and light; Diesel drive or electric drive optional.	Below 80°C circulating boiler water supply, garden agriculture sprinkler irrigation drip irrigation, fire water supply, low and medium drop aquaculture irrigation, domestic water supply, fishing boat fishing operation flushing, municipal anti-dust and fog gun pressurization.	Agricultural irrigation, building fire protection, boiler room, water conservancy engineering, industrial water supply and drainage, factories, water plants, steel mills, thermal power plants, paper mills, water plants, etc.
3	MULTISTAGE CENTRIFUGAL PUMP			flow range 6.3-1200m³/h flow range 50-1800m	Skid mount base,movable trailer, rainproof box, silent box, fire coupling, Bauer coupling, water separator, vacuum impregnating plant, four protections, self-starting.	Abrasive slurry and corrosive slurry of solid particles, 45% mortar, 60% ore slurry, not suitable for water.		less than 1.5% particulate matter	Multi-stage pressure high lift; Axial thrust balance operation vibration is very low; Strong anti-cavitation ability; Variable speed operation can have large selection area and high economy; Diesel drive or electric drive optional.	Below 80°C circulating boiler water supply, building fire water supply, forest oil field fire water source long-distance water supply, garden agriculture sprinkler drip irrigation, high drop culture and planting irrigation, remote living water supply, fishing boat fishing operation flushing, municipal anti-dust and fog gun pressurization, ship fire extinguishing water supply.	Agricultural irrigation, building fire protection, boiler room, water conservancy engineering, industrial water supply and drainage, factories, water plants, steel mills, thermal power plants, paper mills, water plants, etc.
4	SELF-PRIMING SEWAGE PUMP			flow range 10-2200m³/h flow range 10-50m	Skid mount base,movable trailer, rainproof box, silent box, fire coupling, Bauer coupling, water separator, vacuum impregnating plant, four protections, self-starting.	Clean water, river water, rain water, impurities less than 1% particles less than 0.1 mm sewage, non-viscous corrosive liquid.		large particulate matter below 30%	Strong self-priming ability; High suction; Strong permeability of solid particles; Strong plugging; Diesel drive or electric drive optional.	Municipal sewage, urban subway underground garage drainage, river drainage, flood control, fire emergency rescue, agricultural irrigation, etc.	Agricultural irrigation, building fire protection, boiler room, water conservancy engineering, industrial water supply and drainage, factories, water plants, steel mills, thermal power plants, paper mills, water plants, etc.
5	SUBMERSIBLE PUMP			flow range 200-500m³/h flow range 5-20m	Skid mount base,high-speed trailer, serial connection, quick installation and uninstallation, one-for-more control cabinet.	Clean water, impurities less than 1.5% particles less than 0.1 mm sewage, non-viscous corrosive liquid.		large particulate matter below 30%	All stainless-steel design corrosion resistance; High permanent magnet design efficiency and small size; Liquid working mode is simple to lay; Light weight can be operated by one person; Variable frequency drive full adjustment; Energy saving; The 250kW generator set or transformer can carry 10 sets with a total flow of 5000m³/h.	Power generation and drainage, municipal sewage, urban subway underground garage drainage, river drainage, flood prevention, fire emergency rescue, agricultural irrigation, aquaculture fish pond water change, etc.	Fire, municipal, residential, hospital, hotel, subway station, basement, civil air defense system, enterprise units, agriculture, etc.
6	SEWAGE PUMP			flow range 10-650m³/h flow range 8-30m	Skid mount base,movable trailer, rainproof box, silent box, fire coupling, Bauer coupling, water separator, vacuum impregnating plant, four protections, self-starting.	Clean water, river water, rain water, sea water, solid particles or fibrous sewage, containing less than 10% of the gas containing liquid.		solid particle	Small, light and flexible; Anti-clogging; Diesel drive or Electric drive optional.	Well point precipitation discharge, municipal sewer sludge pumping, aquaculture manure water transportation, water treatment sedimentation tank dredging, septic tank floating matter pumping, etc.	Municipal maintenance, sewage treatment plants, construction projects, farms, etc.
7	MIXED-FLOW PUMP			flow range 5-4500m³/h flow range 3-20m	Skid mount base,movable trailer, rainproof box, silent box, fire coupling, Bauer coupling, water separator, vacuum impregnating plant, four protections, self-starting.	Clean water, river water, rainwater, solid particles or fibrous sewage.		solid particle	High efficiency and low cost of use; Low purchase cost; Power drive matching diversification; Small power and large flow; Diesel drive or electric drive optional.	Agricultural irrigation, fish pond water change, water station water, river drainage, irrigation main road water injection, pond channel dredging fast drainage, etc.	Agriculture, aquaculture plants, water stations, water conservancy projects, etc.
8	SLURRY PUMP			flow range 10-5600m³/h flow range 10-100m	Skid mount base,movable trailer, rainproof box, silent box, water separator, vacuum watering plant, four protections, self-starting.	Clean water, river water, rain water, sea water, containing less than 30% of large particle sewage, long fiber impurity sewage, a large number of suspended matter sewage, low viscosity chemical corrosive liquid.		big blocky -shaped particle	It can handle mud containing stones; Strong wear resistance; The horizontal lying mouth structure has simple pipeline layout; Diesel drive or electric drive optional.	River widening, river boats pumping sand washing sand, cinder slag transport, mine drainage, water treatment mud transport, pulp transport, series long-distance transport.	Gold mining field, coal washing plant, sand washing field, water treatment plant, paper mill, etc.
9	HIGH-PRESSURE PLUNGER PUMP			flow range 20-600L/min flow range 4-2500bar	Skid mount base,movable trailer, rainproof box, silent box, water temperature detection, auto watering, all-time pressure adjustment, fixed or rotating sprayer, high-pressure water gun, four protections, self-starting.	clean water (after 80 mesh filter)		filtered water	High pressure design can be used throughout the pressure regulation; Pulse small flow stable; Wide speed range and simple power matching; Diesel drive or electric drive optional.	Urban highway line oil pollution cleaning, municipal sewer dredging, municipal guardrail maintenance, tunnel cleaning and maintenance, fire pipeline pressure side leakage, oil and gas well high-pressure water injection, slag cleaning, hull cleaning, reactor core cleaning, heat exchange condenser cleaning.	Mining metallurgy, electric power industry, petrochemical industry, construction machinery, shipbuilding industry, municipal maintenance, etc.

Flood Control Emergency Water Pump

NO.	PUMP SET MODE	SET SERIES	SET POWER NUMBER	PUMP MODE	PUMP SERIES	FLOW RATE	LIFT	INLET	OUTLET	SHAFT POWER	SPEED	PUMP TYPE	ENGINE MODEL	ENGINE POWER	SPEED CONTROL MODE		NO.	PUMP SET MODE	SET SERIES	SET POWER NUMBER	PUMP MODE	PUMP SERIES	FLOW RATE	LIFT	INLET	OUTLET	SHAFT POWER	SPEED	PUMP TYPE	ENGINE MODEL	ENGINE POWER	SPEED CONTROL MODE
1	HQ20WP	WF	3P0017	ZW125-120-20	BOER	120	20	125	125	13.27	1500	4.self-priming sewage pump	HQD-30L	30.1	mechanical		32	HQ120WP	WF	3P0110	D155-30X5	BOER	155	150	150	150	84.28	1500	3.multistage centrifugal pump	HQD-100L	110	mechanical
2	HQ20WP	WF	3P0017	ZW150-180-14	BOER	180	14	150	150	13.27	1500	4.self-priming sewage pump	HQD-30L	30.1	mechanical		33	HQ120WP	WF	3P0111	D280-43X2	BOER	280	86	200	200	85.2	1500	3.multistage centrifugal pump	HQD-120L	132	mechanical
3	HQ20WP	WF	3P0017	ZW150-150-20	BOER	150	20	150	150	13.27	1500	4.self-priming sewage pump	HQD-30L	30.1	mechanical		34	HQ120WP	WF	3P0131	D155-30X6	BOER	155	180	150	150	101.1	1500	3.multistage centrifugal pump	HQD-120L	132	mechanical
4	HQ20WP	WF	3P0018	150-125-250	BOER	200	20	150	125	13.5	1500	2.single-stage centrifugal pump	HQD-30L	30.1	mechanical		35	HQ120WP	WF	3P0133	350S26	BOER	1260	26	350	300	102	1500	1.single-stage split pump	HQD-150L	150	mechanical
5	HQ30WP	WF	3P0025	ZW150-180-20	BOER	180	20	150	150	19.46	1500	4.self-priming sewage pump	HQD-30L	30.1	mechanical		36	HQ150WP	WF	3P0141	250S65	BOER	485	65	250	150	108.5	1500	1.single-stage split pump	HQD-150L	150	mechanical
6	HQ30WP	WF	3P0025	ZW200-280-14	BOER	280	14	200	200	19.46	1500	4.self-priming sewage pump	HQD-30L	30.1	mechanical		37	HQ150WP	WF	3P0153	D155-30X7	BOER	155	210	150	150	118	1500	3.multistage centrifugal pump	HQD-150L	165	mechanical
7	HQ30WP	WF	3P0027	125-100-400	BOER	100	50	125	100	21	1500	2.single-stage centrifugal pump	HQD-30L	30.1	mechanical		38	HQ150WP	WF	3P0166	D280-43X3	BOER	280	129	200	200	127.7	1500	3.multistage centrifugal pump	HQD-150L	170	mechanical
8	HQ30WP	WF	3P0028	250S14	BOER	485	14	250	200	21.7	1500	1.single-stage split pump	HQD-30L	30.1	mechanical		39	HQ150WP	WF	3P0175	D155-30X8	BOER	155	240	150	150	134.8	1500	3.multistage centrifugal pump	HQD-200L	215	mechanical
9	HQ30WP	WF	3P0029	150-125-315	BOER	200	32	150	125	22.1	1500	2.single-stage centrifugal pump	HQD-30L	30.1	mechanical		40	HQ200WP	WF	3P0191	300S58	BOER	790	58	300	200	147	1500	1.single-stage split pump	HQD-200L	215	mechanical
10	HQ30WP	WF	3P0038	200-150-250	BOER	400	22	200	150	29.1	1500	2.single-stage centrifugal pump	HQD-40L	42	mechanical		41	HQ200WP	WF	3P0197	D155-30X9	BOER	155	270	150	150	151.7	1500	3.multistage centrifugal pump	HQD-200L	215	mechanical
11	HQ40WP	WF	3P0040	300S12	BOER	790	12	300	250	31.1	1500	1.single-stage split pump	HQD-40L	42	mechanical		42	HQ200WP	WF	3P0219	D155-30X10	BOER	155	300	150	150	168.6	1500	3.multistage centrifugal pump	HQD-200L	240	mechanical
12	HQ50WP	WF	3P0043	ZW150-180-30	BOER	180	30	150	150	32.73	1500	4.self-priming sewage pump	HQD-50L	56	mechanical		43	HQ200WP	WF	3P0221	D280-43X4	BOER	280	172	200	200	170.3	1500	3.multistage centrifugal pump	HQD-200L	240	mechanical
13	HQ50WP	WF	3P0043	ZW200-280-20	BOER	280	20	200	200	32.73	1500	4.self-priming sewage pump	HQD-50L	56	mechanical		44	HQ200WP	WF	3P0225	350S44	BOER	1260	44	350	300	173	1500	1.single-stage split pump	HQD-200L	240	mechanical
14	HQ50WP	WF	3P0044	D155-30X2	BOER	155	60	150	150	33.71	1500	3.multistage centrifugal pump	HQD-50L	56	mechanical		45	HQ250WP	WF	3P0242	D450-60X2	BOER	450	120	250	250	186.1	1500	3.multistage centrifugal pump	HQD-250L	258	ESC
15	HQ50WP	WF	3P0047	150-125-400	BOER	200	50	150	125	36.3	1500	2.single-stage centrifugal pump	HQD-50L	56	mechanical		46	HQ250WP	WF	3P0277	D280-43X5	BOER	280	215	200	200	212.9	1500	3.multistage centrifugal pump	HQD-250L	286	ESC
16	HQ50WP	WF	3P0048	250S24	BOER	485	24	250	200	36.9	1500	1.single-stage split pump	HQD-50L	56	mechanical		47	HQ300WP	WF	3P0316	300S90	BOER	790	90	300	200	242.8	1500	1.single-stage split pump	HQD-300L	323	ESC
17	HQ50WP	WF	3P0052	ZW200-280-25	BOER	280	25	200	200	39.81	1500	4.self-priming sewage pump	HQD-50L	56	mechanical		48	HQ300WP	WF	3P0332	D280-43X6	BOER	280	258	200	200	255.5	1500	3.multistage centrifugal pump	HQD-300L	330	electronically controlled common rail
18	HQ50WP	WF	3P0055	200-150-315	BOER	400	32	200	150	42.5	1500	2.single-stage centrifugal pump	HQD-50L	56	mechanical		49	HQ350WP	WF	3P0363	D450-60X3	BOER	450	180	250	250	279.2	1500	3.multistage centrifugal pump	HQD-350L	370	ESC
19	HQ60WP	WF	3P0061	300S19	BOER	790	19	300	250	47	1500	1.single-stage split pump	HQD-75L	82	mechanical		50	HQ400WP	WF	3P0390	D280-43X7	BOER	280	301	200	200	298.1	1500	3.multistage centrifugal pump	HQD-350L	391	electronically controlled common rail
20	HQ60WP	WF	3P0063	ZW150-180-38	BOER	180	38	150	150	48.65	1500	4.self-priming sewage pump	HQD-75L	82	mechanical		51	HQ400WP	YC	3P0455	350S75	BOER	1260	75	350	250	303	1500	1.single-stage split pump	YC6K660-D30	441	electronically controlled common rail BOSCH
21	HQ60WP	WF	3P0063	ZW200-280-28	BOER	280	28	200	200	48.65	1500	4.self-priming sewage pump	HQD-75L	82	mechanical		52	HQ500WP	YC	3P0510	D280-43X8	BOER	280	344	200	200	340.7	1500	3.multistage centrifugal pump	YC6TD780-D31	520	electronically controlled single pump
22	HQ60WP	WF	3P0063	ZW250-420-20	BOER	420	20	250	250	48.65	1500	4.self-priming sewage pump	HQD-75L	82	mechanical		53	HQ500WP	YC	3P0558	D450-60X4	BOER	450	240	250	250	372.2	1500	3.multistage centrifugal pump	YC6TD780-D31	520	electronically controlled single pump
23	HQ60WP	WF	3P0063	ZW300-800-14	BOER	800	14	300	300	48.65	1500	4.self-priming sewage pump	HQD-75L	82	mechanical		54	HQ500WP	YC	3P0575	D280-43X9	BOER	280	387	200	200	383.3	1500	3.multistage centrifugal pump	YC6TD780-D31	520	electronically controlled single pump
24	HQ60WP	WF	3P0063	200ZX400-32	BOER	400	32	200	200	48.65	1500	4.self-priming sewage pump	HQD-75L	82	mechanical		55	HQ600WP	YC	3P0698	D450-60X5	BOER	450	300	250	250	465.4	1500	3.multistage centrifugal pump	YC6TD1000-D30	668	electronically controlled common rail
25	HQ60WP	WF	3P0066	D155-30X3	BOER	155	90	150	150	50.57	1500	3.multistage centrifugal pump	HQD-75L	82	mechanical		56	HQ800WP	YC	3P0800	350S125	BOER	1260	125	350	200	534	1500	1.single-stage split pump	YC6TH1220-D31	815	electronically controlled single pump
26	HQ75WP	WF	3P0081	250S39	BOER	485	39	250	200	62	1500	1.single-stage split pump	HQD-75L	82	mechanical		57	HQ800WP	YC	3P0837	D450-60X6	BOER	450	360	250	250	558.3	1500	3.multistage centrifugal pump	YC6TH1220-D31	815	electronically controlled single pump
27	HQ75WP	WF	3P0084	350S16	BOER	1260	16	350	300	64.5	1500	1.single-stage split pump	HQD-75L	84	mechanical		58	HQ900WP	YC	3P0977	D450-60X7	BOER	450	420	250	250	651.5	1500	3.multistage centrifugal pump	YC6C1520-D31	1016	electronically controlled single pump
28	HQ75WP	WF	3P0086	ZW300-800-20	BOER	800	20	300	300	66.35	1500	4.self-priming sewage pump	HQD-100L	110	mechanical		59	HQ1000WP	YC	3P1117	D450-60X8	BOER	450	480	250	250	744.4	1500	3.multistage centrifugal pump	YC6C1660-D31	1110	electronically controlled single pump
29	HQ75WP	WF	3P0087	200-150-400	BOER	400	50	200	150	67.2	1500	2.single-stage centrifugal pump	HQD-100L	110	mechanical		60	HQ1100WP	YC	3P1256	D450-60X9	BOER	450	540	250	250	837.5	1500	3.multistage centrifugal pump	YC12VTD1830-D30	1220	electronically controlled common rail
30	HQ75WP	WF	3P0088	D155-30X4	BOER	155	120	150	150	67.42	1500	3.multistage centrifugal pump	HQD-100L	110	mechanical		61	HQ1200WP	YC	3P1396	D450-60X10	BOER	450	600	250	250	930.8	1500	3.multistage centrifugal pump	YC12VTD2000-D30	1345	electronically controlled common rail
31	HQ120WP	WF	3P0103	300S32	BOER	790	32	300	250	79.2	1500	1.single-stage split pump	HQD-100L	110	mechanical																	