

# DV210 交流发电动力 (42-60kW)

DV210 AC power generation (42-60kW)

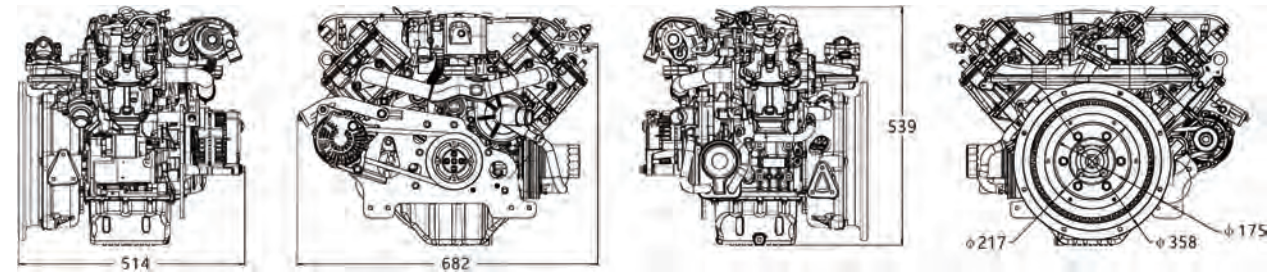
## 主要产品特征 MAIN PRODUCT FEATURES

- V型2缸/4冲程/液冷/柴油发动机;  
V2, 4-stroke, Liquid-cooled, Diesel engine;
- 电控高压共轨系统;  
Electronic control high pressure common rail system;
- 低惯量涡轮增压器技术、高速扭矩大;  
Low inertia turbocharger technology, High speed with high torque
- 满足非道路国三、国四阶段排放法规;  
Meet the regulations on Non-road diesel mobile machinery (CHINA III, IV)
- 高可靠性、低油耗、低振动等特点;  
With the characteristics of high reliability, Low fuel consumption, Low vibration;



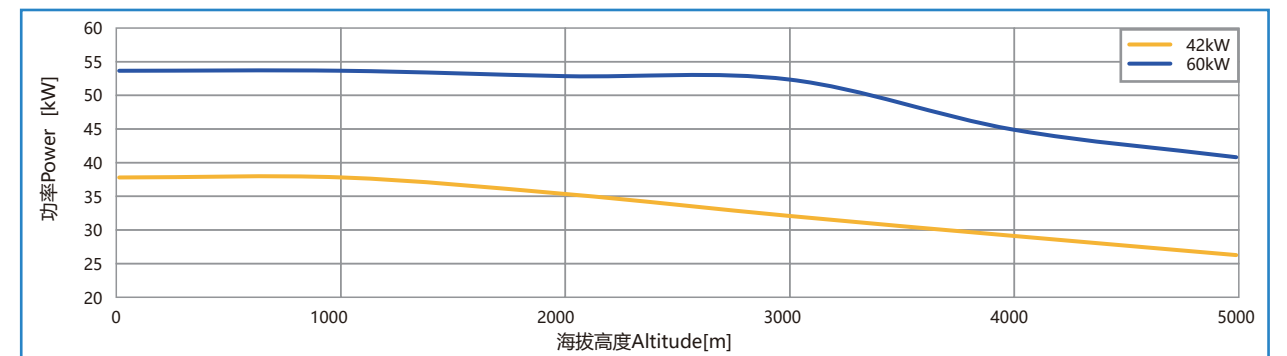
产品型号 Product models	麋鹿 Elk DV210		麋鹿 Elk DV210F	
型式 Configuration	V型2缸、液冷、4冲程、电控、增压中冷、高压共轨 V2, Liquid-cooled, 4-stroke, EFI, TCI, High pressure Common rail			
气缸套型式 Cylinder liner type	一体式 All-in-one			
缸径*行程(mm) Bore*stroke	86×86			
排量(L) Displacement	0.999			
额定功率/转速(kw/rpm) Rated power/Speed	41 / 3000	42 / 3600	51 / 3000	55 / 3600
最大扭矩点燃油消耗率(g/kw·h) BSFC at maximum torque	≤235		≤230	
稳态转速波动率(%) Steady-state speed volatility	≤0.2			
(对标定转速的) 瞬态转速偏差 (nominal speed) Transient speed deviation	100%突减功率(%) Sudden power reduction		≤+6	
	突加功率(%) Burst power		≤-4	
转速恢复时间(s) Speed recovery time	≤3			
启动方式 Startup mode	12V / 24V 电启动 12V / 24V Electrical start			
整机质量(kg) Weight	≤160 (含SAE5-6.5#、进气、冷却、悬置等系统) ≤160 (Contain SAE5-6.5#, Airintake, Cooling and Suspension systems)		≤165 (含SAE5-6.5#、进气、冷却、悬置等系统) ≤165 (Contain SAE5-6.5#, Airintake, Cooling and Suspension systems)	
外形尺寸L×W×H(mm) Overall dimension	不带风扇(Without fan): 514×682×577 带风扇(With fan): 558×682×577 带水箱(With water tank): 660×682×653		不带风扇(Without fan): 534×677×577 带风扇(With fan): 558×677×577 带水箱(With water tank): 663×708×730	
适配机组功率(常用) (kw) Adapting unit power (commonly used)	30		40	

## 外形尺寸图 OUTLINE DRAWING

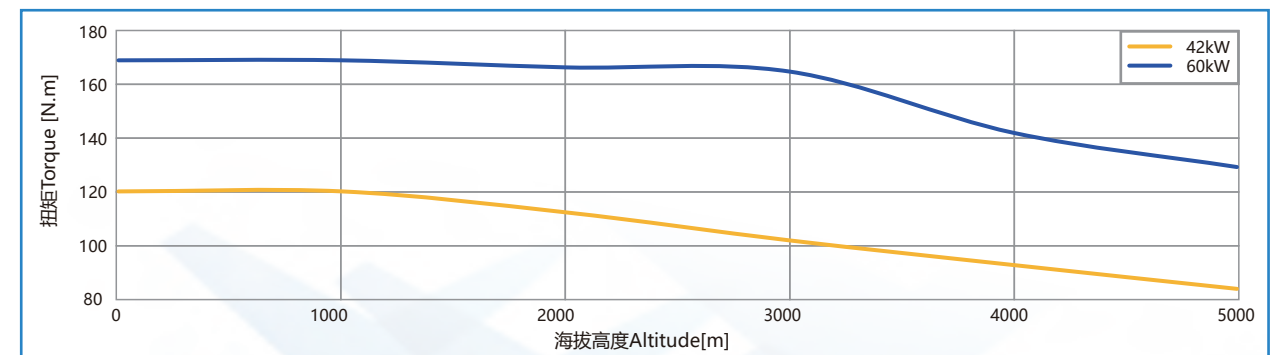


## 特性曲线 CHARACTERISTIC CURVE

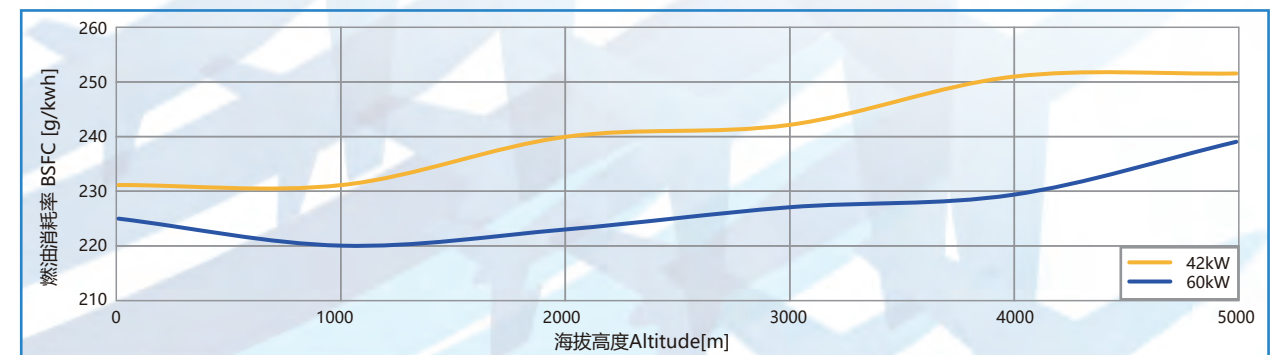
### 功率曲线 Power curve



### 扭矩曲线 Torque curve



### 油耗曲线 BSFC



以上性能参数均按照 ISA 各海拔标准环境测量。(地面环境温度: 25±2°C, 中冷后温度: 50±2°C)