



一维新能 **INONE**

全球领先的车载电源提供商

World leading provider of automotive power supply



安徽一维新能源技术有限公司

地址：安徽省合肥市高新区长江西路2222号
电话：0551-65261316 邮箱：info@in-1.cn
网址：<http://www.in-1.cn>

Anhui INONE New Energy Technology Co., Ltd

Add: No.2222 Changjiang West Road, High-tech
Zone, Hefei City, Anhui Province, China
Tel: 16655162134/0551-65261316 Email: info@in-1.cn
Web: <http://www.in-1.cn>

Company Profile

公司简介

100+
客户
Clients

170B+
总里程数
Accumulated Mileage

50+
技术专利
Patents

200万+
累计装车
Installed Capacity



安徽一维新能源技术有限公司定位于打造全球领先的新能源车辆电源系统解决方案，该项目目前与欧洲一线汽车电子品牌在质量体系、供应链体系、开发平台等方面全方位合作，在底层硬件系统开发、控制算法优化等领域与美国著名电动车企业进行深度合作，确保产品质量技术等方面在中国、北美、欧洲市场的领先水平。

公司核心技术人员50余人，来自于国内电力、电子及通信行业知名企业，运营团队来自国内知名新能源汽车电子企业，拥有10年以上新能源汽车领域技术研究、产品开发、市场开拓及运营管理经验。核心团队博士/硕士以上学历占比30%以上，均毕业于中科大、交大等国内知名院校。

公司产品体系于2012年立项研发，经过10余年的技术沉淀形成了成熟产品体系。现有产品主要服务于新能源工业车辆及乘用车两大市场，产品包括车载/非车载充电机、直流转换器、锂电管理系统等。现有电源产品采用世界最先进的第四代准谐振技术，全数字化电源，拥有业界领先的转换效率和业界较高的体积功率密度。

公司生产质量体系符合IATF16949国际标准化管理体系要求，具备30万台套/年出货能力，公司研发体系按照ISO26262标准进行规范管理，现有产品通过CE、UL、3C等认证。公司市场体系涵盖工业车辆、乘用车两大板块，系国内新能源车辆电源领域知名企业，产品远销意大利、日本、韩国、印度、马来西亚、香港等20多个国家和地区。

Anhui INONE New Energy Technology Co., Ltd. aims to build a world leading new energy vehicle power supply system solution. To ensure advanced level of product quality and technology, INONE cooperate with European first-line automotive electronics company in quality system, supply chain system, development platform and other aspects, and cooperate with American Automotive company in underlying hardware systems development, control algorithm optimization and other fields.

The company has more than 50 key technicians, many of them came from renowned Chinese companies in power, electronics and communications industries. The members of operation team were from well-known Chinese new energy automotive electronics enterprises, they had more than 10 years of expertise in new energy vehicles operation management, product development, market development and technology research. More than 30% of the core team members graduated with PhD or master's degree from renowned Chinese universities like the University of Science and Technology of China and Jiaotong University.

INONE's product system was developed in 2012. A mature product system has been formed after more than 10 years of technology precipitation. The products are mainly applied in new energy industrial vehicles and passenger vehicles, which include on-board/off-board chargers, DC converters, lithium battery management systems, etc. With adopted the world's advanced fourth-generation quasi-resonant technology and fully digital power supply, our power supply products have industry-leading conversion efficiency and higher volume power density in the industry.

With a 300,000 set yearly production capacity, INONE's production and quality system adheres to the IATF16949 international standard management system. The company's research and development system is standardized in accordance with ISO 26262 standards, and the current products have earned certifications from CE, UL, 3C, and other certifications. The market system of the corporation includes the two important categories of passenger and industrial vehicles. In China, INONE is a well-known company in the new energy vehicle power supply industry. More than 20 nations and territories, including Italy, Japan, Korea, India, Malaysia, and Hong Kong, are recipients of its exports.

Development History 发展历程

2012年
立项开发深度集成电控电源系统
Project initiation and development
of deeply integrated electronically
controlled power supply systems

2019年
获评科技型中小企业
国家级高新技术企业
合肥市高新区雏鹰企业

National high-tech enterprises
Hefei City high-tech zone eagle
enterprise

2021年
入选合肥市高成长种子企业
安徽省软件首版次示范企业
Selected as high-growth seed
enterprises in Hefei City
Anhui software first edition
demonstration enterprise

2024年
安徽省专业化、精细化、
特色化、新颖化中小企业
Specialized and sophisticated
SME in Anhui Province

2017年
注册成立公司
Established the company

2018年
获得知名机构天使轮投资
获评合肥市高层次人才计划
首款产品上市

Received angel round investment
from well-known institutions
Awarded Hefei High-level Talent
Program
First product launch

2020年
通过IATF16949认证
入选合肥市新能源企业重点企业
通过CE及国家3C产品认证

Passed IATF16949 certification
Selected as Hefei new energy key enterprises
Passed CE and national 3C product certification

2022年
中国创新创业大赛安徽省二等奖
G60长三角创新创业大赛三等奖
安徽省创新型中小企业

China Innovation and Entrepreneurship
Competition Anhui Province second prize
Third prize of G60 Yangtze River Delta
Innovation and Entrepreneurship Competition
Anhui province innovative small and medium-
sized enterprises

Honor 企业部分荣誉



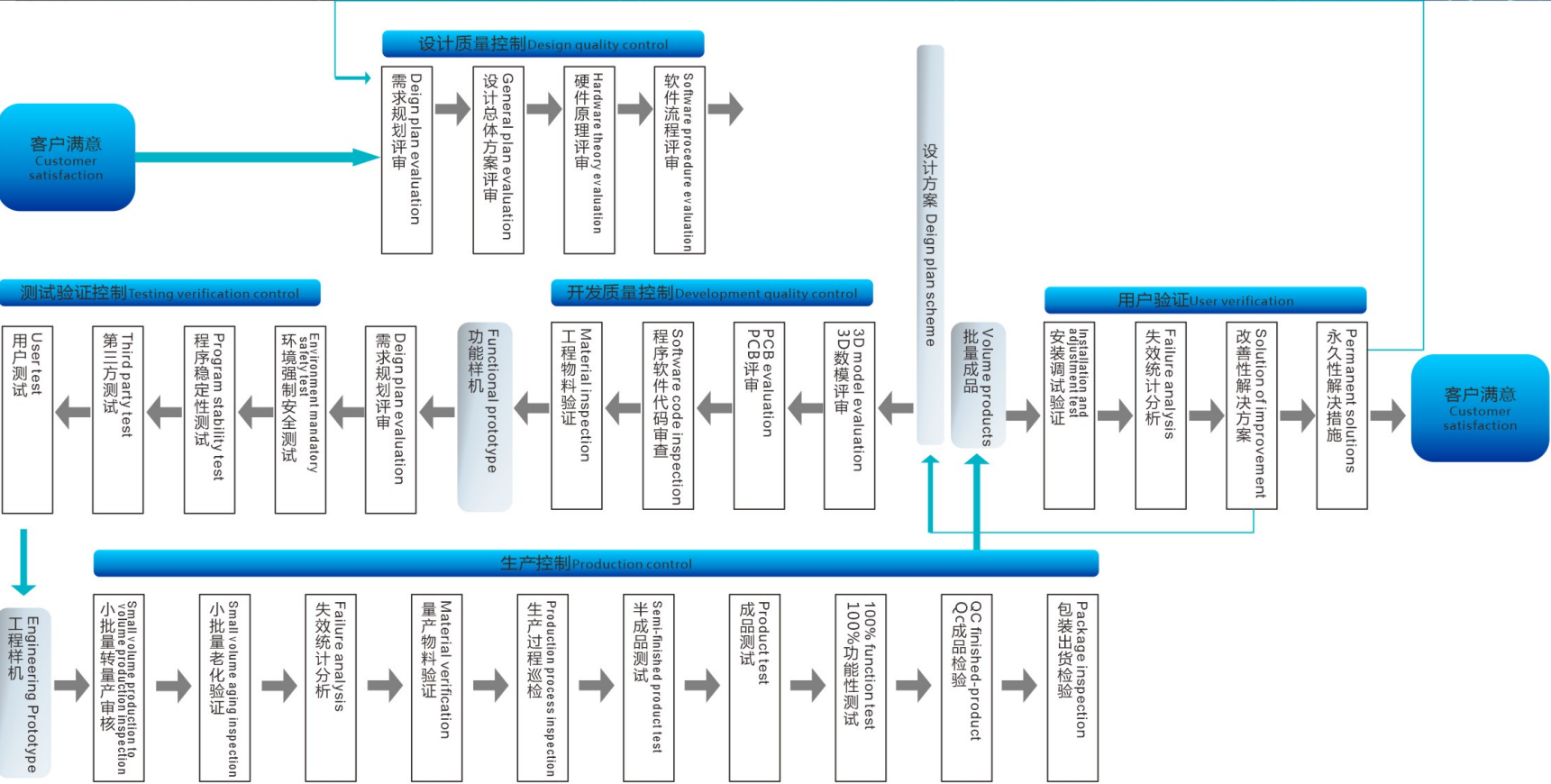
Test and quality control System

测试及质量控制体系



严格按照TS16949质量管理体系标准,开展质量管理活动,推广全员全流程的质量管理。
All quality management activities acted and promoted in strict accordance with the standard of TS16949 Quality Management System.

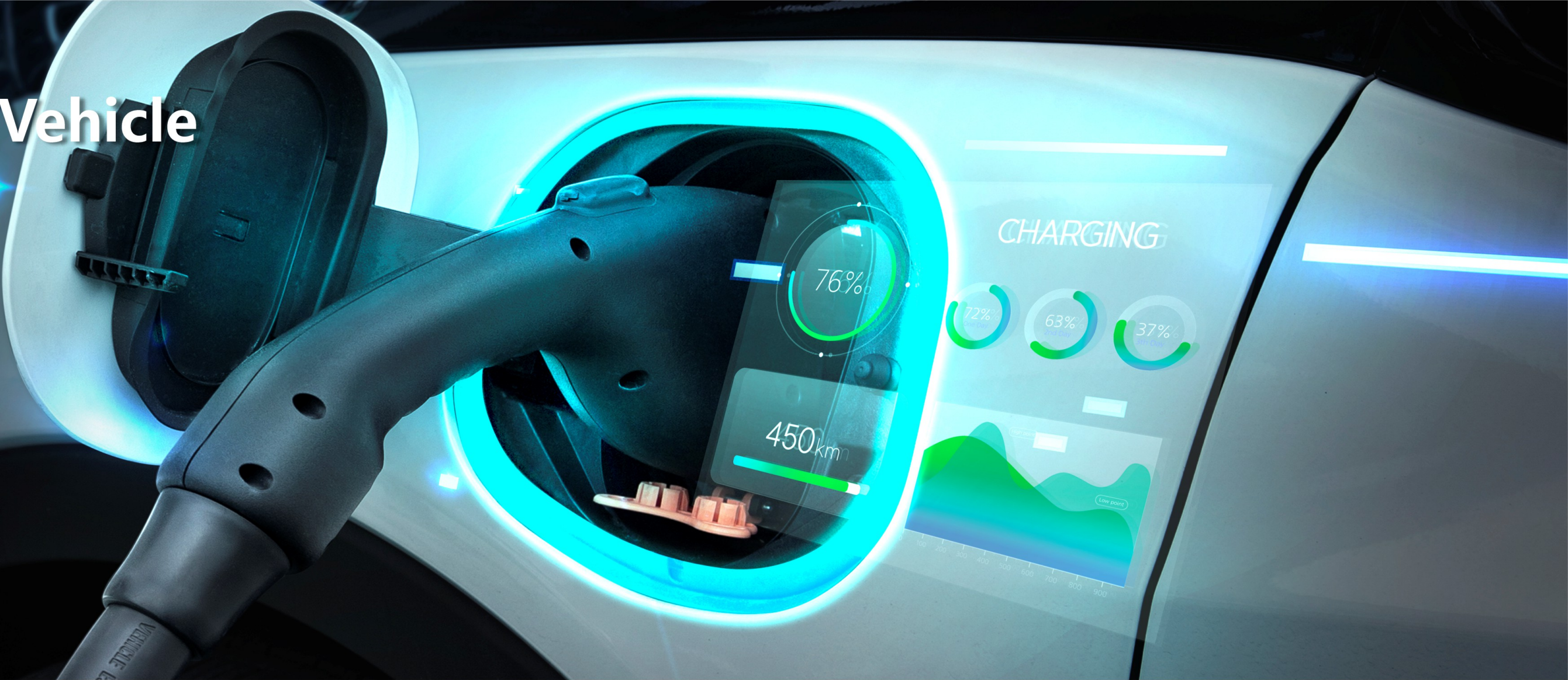
● 质量控制程序/QUALITY CONTROL PROCEDURE



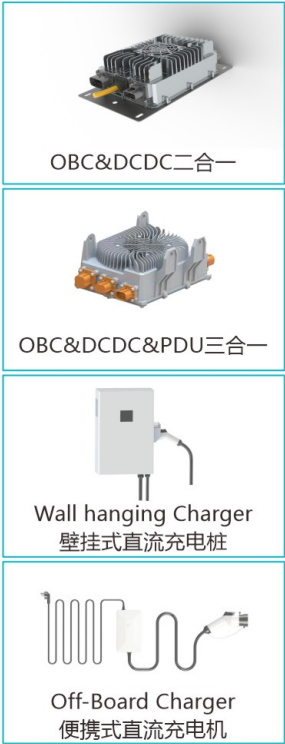
为确保给全球用户提供高安全、高稳定的、高可靠的车辆电源系统,我们的检测专家应用最前沿的测试和仿真技术对车辆电源产品实施最严苛的测试验证。
In order to provide a vehicle power supply system with high safety ,high stability and high reliability ,our testing engineue use the most advanced and strict testing and simulation technology for the system.



Electric Vehicle 电动汽车



产品应用 Product Application



一维新能凭借多年汽车电源技术沉淀，开发的OBC、DCDC、二合一、三合一系列产品，每年应用于超过15万辆纯电动乘用车，以其稳定性、可靠性、便捷性赢得众多主机厂认可。

一维新能开发的非车载式直流充电产品，广泛应用于新能源物流车、网约车、乘用车等领域，具备均衡修复电芯、延长电池使用寿命的功能，以其充电稳定性、安全性、赢得众多用户认可。

INONE New Energy Company has developed OBC, DCDC, two-in-one and three-in-one series products based on years of automotive power supply technology, which are applied to more than 150000 pure electric passenger cars every year, and has won the recognition of many main engine factories for its stability, reliability and convenience.

Portable DC chargers and charging piles developed by INONE are widely used in the field of new energy passenger vehicles. 2KW and 3kW portable chargers have the function of balanced repair of battery cells and extended battery life, and have won the recognition of many users for their charging stability and safety. 7KW, 20kW and 30KW charging piles have excellent protection and charging efficiency, which can adapt to various outdoor environments.

设备参数 Specification

型号 Model	参数 Parameter	参数描述 Parameter Description
CDS02B OBC&DCDC 二合一	模式Pattern	车载On-Board
	充电输入电压Charger Input Voltage	AC220V
	充电输出电压Charger Output Voltage	DC48/60/72V
	充电功率Charger Power	1.2/1.5kW
	直流转换输入电压DC Conversion Input Voltage	DC48/60/72V
	直流转换输出电压DC Conversion Output Voltage	12V
	直流转换功率DC Conversion Power	650W
CDS01B OBC&DCDC&PDU 三合一	强电控制High Voltage Control	选配Optional
	模式Pattern	车载On-Board
	充电输入电压Charger Input Voltage	AC220V
	充电输出电压Charger Output Voltage	DC96/108/120/144V
	充电功率Charger Power	1.8/2.2kW
	直流转换输入电压DC Conversion Input Voltage	DC96/108/120/144V
	直流转换输出电压DC Conversion Output Voltage	12V
DCP01A 充电机Charger Portable DC Charger	直流转换功率DC Conversion Power	800/900W
	强电控制High Voltage Control	标配Standard Configuration
	模式Pattern	便携Portable
	输入电压Input Voltage	175~265 VAC Single Phase
DCP01B 充电机Charger Portable DC Charger	输出电压Output Voltage	250~500 VDC
	功率Charger Power	2.2kW
	模式Pattern	便携Portable
	输入电压Input Voltage	175~265 VAC Single Phase
DCP01C 充电机Charger Charging Pile	输出电压Output Voltage	250~600 VDC
	功率Charger Power	3.3kW
	模式Pattern	壁挂/便携Wall hanging/Portable
	输入电压Input Voltage	AC220V
DCP01D/E 充电机Charger Charging Pile	输出电压Output Voltage	200~1000 VDC
	功率Charger Power	7kW
	模式Pattern	壁挂 Wall hanging
	输入电压Input Voltage	320~490 VAC Three-phase three-wire system
	输出电压Output Voltage	200~1000 VDC
	功率Charger Power	20/30kW

Forklift 叉车



产品应用 Product Application

一维新能针对电动叉车开发的系列产品，广泛应用于锂电、铅酸叉车、电动堆垛车，电动搬运车等领域，具备安全可靠，无噪音，效率高等特点，赢得电动叉车领域龙头主机厂企业认可。

The series of products developed by INONE for electric forklifts are widely used in lithium-ion, lead-acid forklifts, electric stackers, electric trucks and other fields. They have the characteristics of safety, reliability, no noise and high efficiency, and have won the recognition of leading enterprises in the field of electric forklifts.

设备参数 Specification

型号 Model	功能 Mode	输入电压 Input Voltage	输出电压 Output Voltage	额定功率 Rated Power
DC02C	隔离型直流转换器 Isolated DC Converter	48/60/72V	12V	300W
DC02E	隔离型直流转换器 Isolated DC Converter	48/60/72V	12V/24V	500/350W
DC02F	隔离型直流转换器 Isolated DC Converter	48/60/72V	12V/24V	650/450W
FC02A	非隔离型直流转换器 Non-isolated DC Converter	48/60/72V	12V	300W
DC01A	隔离型直流转换器 Isolated DC Converter	96/108/120/144V	12V/24V	500W
DC01B	隔离型直流转换器 Isolated DC Converter	96/108/120/144V	12V/24V	650W
CH03B	车载/便携充电机 On/Off-Board Charger	AC 220V	24V	300W
CH03C	车载/便携充电机 On/Off-Board Charger	AC 110/220V	24V/48V	300/360/450W
CH03D	车载/便携充电机 On/Off-Board Charger	AC 110/220V	24V/48V/80V	900/1200/1500W
CH03E	车载充电机 On-Board Charger	AC 110/220V	48V/80V	1800/2000/2200W
CH03F	车载充电机 On-Board Charger	AC 110/220V	48V/80V	3600/4000W



Isolated DC Converter
隔离型直流转换器



Non-isolated DC Converter
非隔离型直流转换器



On-Board Charger
车载充电机



Off-Board Charger
便携充电机

Sightseeing Bus

观光车



产品应用 Product Application

一维新能针对旅游观光车开发的系列产品，广泛应用于旅游观光车、电动巡逻车、高尔夫球车等领域，具备环保可靠、性能稳定、效率高等特点，受到众多主机厂认可。

The series of products developed by INONE for sightseeing vehicles are widely used in sightseeing vehicles, electric patrol vehicles, golf carts and other fields. They have the characteristics of environmental protection, reliability, stable performance and high efficiency, and are recognized by many main engine factories.



Isolated DC Converter
隔离型直流转换器



Non-isolated DC Converter
非隔离型直流转换器



On-Board Charger
车载充电机



Off-Board Charger
便携充电机

设备参数 Specification

型号 Model	功能 Mode	输入电压 Input Voltage	输出电压 Output Voltage	额定功率 Rated Power
DC02C	隔离型直流转换器 Isolated DC Converter	48/60/72V	12V	300W
DC02E	隔离型直流转换器 Isolated DC Converter	48/60/72V	12V/24V	500/350W
DC02F	隔离型直流转换器 Isolated DC Converter	48/60/72V	12V/24V	650/450W
FC02A	非隔离型直流转换器 Non-isolated DC Converter	48/60/72V	12V	300W
DC01A	隔离型直流转换器 Isolated DC Converter	96/108/120/144V	12V/24V	500W
DC01B	隔离型直流转换器 Isolated DC Converter	96/108/120/144V	12V/24V	650W
CH03B	车载/便携充电机 On/Off-Board Charger	AC 220V	24V	300W
CH03C	车载/便携充电机 On/Off-Board Charger	AC 110/220V	24V/48V	300/360/450W
CH03D	车载/便携充电机 On/Off-Board Charger	AC 110/220V	24V/48V/80V	900/1200/1500W
CH03E	车载充电机 On-Board Charger	AC 110/220V	48V/80V	1800/2000/2200W
CH03F	车载充电机 On-Board Charger	AC 110/220V	48V/80V	3600/4000W

Scrubber 清洁车



产品应用 Product Application

一维新能针对电动清扫车开发的系列产品，广泛应用于电动清扫车、洗地机等领域，具备环保可靠、性能稳定、效率高等特点，受到众多主机厂认可。

INONE has developed matching chargers and DC products for sightseeing cars and golf carts. The medium and low voltage charger CH02U is specially designed for electric sightseeing buses and golf carts, suitable for 48V, 60V, 72V and other voltage platforms, and has passed the international certification of UL, CE, FCC and ROHS. They have passed UL, CE, FCC and ROHS certificates. They have excellent power/volume density, comprehensive protection functions, IP66 protection level, and dual protection of hardware and software, which enable them to operate stably in complex environments. DC02C, DC02E, DC02F and other isolation converters are suitable for 48V, 60V, 72V low and medium voltage systems, with leading power/volume density in the industry, and have passed CE, ROHS and other international certifications. The products have passed 100% factory function test and full load aging test, with reliable quality and high performance.

设备参数 Specification

型号 Model	功能 Mode	输入电压 Input Voltage	输出电压 Output Voltage	额定功率 Rated Power
DC02C	隔离型直流转换器 Isolated DC Converter	48/60/72V	12V	300W
DC02E	隔离型直流转换器 Isolated DC Converter	48/60/72V	12V/24V	500/350W
DC02F	隔离型直流转换器 Isolated DC Converter	48/60/72V	12V/24V	650/450W
FC02A	非隔离型直流转换器 Non-isolated DC Converter	48/60/72V	12V	300W
DC01A	隔离型直流转换器 Isolated DC Converter	96/108/120/144V	12V/24V	500W
DC01B	隔离型直流转换器 Isolated DC Converter	96/108/120/144V	12V/24V	650W
CH03B	车载/便携充电机 On/Off-Board Charger	AC 220V	24V	300W
CH03C	车载/便携充电机 On/Off-Board Charger	AC 110/220V	24V/48V	300/360/450W
CH03D	车载/便携充电机 On/Off-Board Charger	AC 110/220V	24V/48V/80V	900/1200/1500W
CH03E	车载充电机 On-Board Charger	AC 110/220V	48V/80V	1800/2000/2200W
CH03F	车载充电机 On-Board Charger	AC 110/220V	48V/80V	3600/4000W
CH02U	车载充电机 On-Board Charger	AC 100/260V	64V/90V	2000W



Isolated DC Converter
隔离型直流转换器



Non-isolated DC Converter
非隔离型直流转换器



On-Board Charger
车载充电机



Off-Board Charger
便携充电机



Aerial Work Truck

高空作业车

产品应用 Product Application

一维新能针对高空作业车开发的系列产品，广泛应用于直臂式、曲臂式、剪叉式等高空作业平台车，具备质量可靠、性能稳定、效率高等特点，受到众多主机厂认可。

The series of products developed by INONE for aerial work platform vehicles are widely used in straight arm, crank arm, scissor and other aerial work platform vehicles, which have the characteristics of reliable quality, stable performance and high efficiency, and are recognized by many main engine factories.



Isolated DC Converter
隔离型直流转换器



Non-isolated DC Converter
非隔离型直流转换器



On-Board Charger
车载充电机



Off-Board Charger
便携充电机

设备参数 Specification

型号 Model	功能 Mode	输入电压 Input Voltage	输出电压 Output Voltage	额定功率 Rated Power
DC02C	隔离型直流转换器 Isolated DC Converter	48/60/72V	12V	300W
DC02E	隔离型直流转换器 Isolated DC Converter	48/60/72V	12V/24V	500/350W
DC02F	隔离型直流转换器 Isolated DC Converter	48/60/72V	12V/24V	650/450W
FC02A	非隔离型直流转换器 Non-isolated DC Converter	48/60/72V	12V	300W
DC01A	隔离型直流转换器 Isolated DC Converter	96/108/120/144V	12V/24V	500W
DC01B	隔离型直流转换器 Isolated DC Converter	96/108/120/144V	12V/24V	650W
CH03B	车载/便携充电机 On/Off-Board Charger	AC 220V	24V	300W
CH03C	车载/便携充电机 On/Off-Board Charger	AC 110/220V	24V/48V	300/360/450W
CH03D	车载/便携充电机 On/Off-Board Charger	AC 110/220V	24V/48V/80V	900/1200/1500W
CH03E	车载充电机 On-Board Charger	AC 110/220V	48V/80V	1800/2000/2200W
CH03F	车载充电机 On-Board Charger	AC 110/220V	48V/80V	3600/4000W

Electric Motorcycle

电动摩托车



产品应用 Product Application

一维新能针对电动摩托车开发的系列产品，广泛应用于电动摩托车和电动轻便型摩托车，具备质量可靠、性能稳定、效率高等特点，受到众多电动摩托车主机厂认可。

The series of products developed by INONE for electric motorcycles are widely used in electric motorcycles and electric portable motorcycles, which have the characteristics of reliable quality, stable performance and high efficiency, and are recognized by many electric motorcycle main engine factories.

设备参数 Specification

型号 Model	功能 Mode	输入电压 Input Voltage	输出电压 Output Voltage	额定功率 Rated Power
DC02C	隔离型直流转换器 Isolated DC Converter	48/60/72V	12V	300W
DC02E	隔离型直流转换器 Isolated DC Converter	48/60/72V	12V	500W
DC02F	隔离型直流转换器 Isolated DC Converter	48/60/72V	12V	650W
FC02A	非隔离型直流转换器 Non-isolated DC Converter	48/60/72V	12V	300W
DC01A	隔离型直流转换器 Isolated DC Converter	96/108/120/144V	12V	500W
DC01B	隔离型直流转换器 Isolated DC Converter	96/108/120/144V	12V	650W
CH03C	车载/便携充电机 On/Off-Board Charger	AC 110/220V	48V	360/450W
CH03D	车载/便携充电机 On/Off-Board Charger	AC 110/220V	48V/80V	1200/1500W
CH03E	车载充电机 On-Board Charger	AC 110/220V	48V/80V	1800/2000/2200W
CH03F	车载充电机 On-Board Charger	AC 110/220V	48V/80V	3600/4000W



Isolated DC Converter
隔离型直流转换器



Non-isolated DC Converter
非隔离型直流转换器



On-Board Charger
车载充电机



Off-Board Charger
便携充电机

合作伙伴Cooperative Partners



坚持以科技创新驱动
持续为客户创造价值

Persistently driven by technological innovation
Continuously create value for customers

战略投资Venture Capital Institutions

