



ISO9001 国际质量管理体系认证企业
ISO9001 International Quality Management System Certified Enterprise

产品介绍

iACS系列智能充电机采用高频软开关与DSP数字化结合的模块化设计，转换效率高、功率因数高，通过参数优化设计的主电路模块，为各种AGV车提供连续可调的充电电流。采用无线WiFi或红外漫反射、红外对射等方式智能充电，充电过程完全自动化。具有多种通讯接口，可实现与大部分锂电池BMS、上位机等数据进行数据交换。
侧边带有自动伸缩机构，安装快捷方便；多个充电模块冗余并联输出，结构简单可靠。
充电机配置7寸触摸屏，可实现充电过程控制、充电状态显示、充电数据记录、故障信息记录功能。并开放专业配置界面，允许客户根据自己的需要配置充电曲线。

Product introduction

iACS series intelligent charger adopts the modular design of the combination of high-frequency soft switch and DSP digitization, with high conversion efficiency and high power factor. Through the main circuit module of parameter optimization design, it provides continuously adjustable charging current for various AGV vehicles. It adopts wireless WiFi or infrared diffuse reflection, infrared radiation and other methods for intelligent charging, and the charging process is fully automated. It has a variety of communication interfaces, which can realize data exchange with most lithium battery BMS, upper computer, etc.
There is an automatic telescopic mechanism on the side, which is fast and convenient to install; multiple charging modules are redundant in parallel to output, simple structure, safe and reliable.
The charger is equipped with a 7-inch touch screen, which can realize charging process control, charging status display, charging data recording, and fault information recording functions. It also opens a professional configuration interface, allowing customers to configure the charging curve according to their own needs.

► 本系列充电机具有充电机与充电触点位置的自动控制功能，AGV充电系统，可以根据用户的需要，为AGV系统进行配套的充电；系统自动检测、控制触点的伸缩机构，使充电触点刷板与AGV的充电刷板自动连接，在保证与AGV充电触点可靠接通后，自动控制充电过程,满足AGV设备自动充电的需要。
This series of charger has the automatic control function of charger and charging contact position. AGV charging system can charge AGV system according to the needs of users; The system automatically detects and controls the telescopic mechanism of the contact, so that the charging contact brush plate is automatically connected with the AGV charging brush plate. After ensuring reliable connection with the AGV charging contact, the charging process is automatically controlled to meet the needs of automatic charging of AGV equipment.

iACS
系列智能充电机

iACS series
intelligent charger



- **主要性能：**
- 充电站一体化设计，带有自动伸缩机构，安装快捷方便。（另有分体式；ACS无伸缩机构）
 - 预留第三方设备安装空间，提供系统接入的能力。
 - 模块化的设计，可以适用于各类AGV方案需求。
 - 具有短路、过压、过流、过温等保护功能。
 - 兼具自动充电和手动充电功能（强制充电时严禁接反）。
 - 具有干接点、CAN、以太网、RS485、wifi等多种通讯接口（选配，具体按照客户要求配置）。
 - 管理后台可通过CAN、RS485、WIFI等多种数据接口对充电机进行实时数据查询（选配，具体按照客户要求配置）。

- **Main functions**
- Charging station is integrated design, with automatic telescopic mechanism, fast and convenient installation (also split type; ACS has no telescopic mechanism)
 - Third party equipment installation space is reserved to provide system access capability.
 - The modular design can be applied to all kinds of AGV solutions.
 - With short circuit, over-voltage, over-current, over temperature and other protection functions.
 - It has both automatic charging and manual charging functions.(It is strictly prohibited to reverse the connection during forced charging)
 - With dry contact, can, Ethernet, RS485, WiFi and other communication interfaces(Optional, according to customer requirements).
 - The management background can query the real-time data of charger through CAN, RS485, WiFi and other data interfaces (Optional, according to customer requirements) .

主要技术参数 Main Technical Parameter

型号/规格 Type/ Specification	额定输入电源 Rated input power supply V/Hz	充电机输入电流 Charger input current A	额定输出功率 Rated output power (kW)	额定输出电流 Rated output current A	额定输出电压 Rated output voltage V	通讯方式 Communi- cation Mode	防护等级 Ingress protection	外形尺寸 Size (mm)	重量 Woight (Kg)
iACS-D60V/100A	三相380 50/60Hz	9.8	6.0	100	60	CAN	IP21	710x400x1263	60
iACS-E60V/50A	单相220 50/60Hz	15.7	3.0	50	60	CAN	IP21	710x400x1263	72
iACS-E30V/100A		15.2	3.0	100	30	CAN	IP21	710x400x1263	72
iACS-E60V/100A		31.3	6.0	100	60	CAN	IP21	710x400x1263	72
iACS-D60V/200A	三相380 50/60Hz	19.6	12.0	200	60	CAN	IP21	722x500x1262	105
iACS-D100V/200A		32.7	20.0	200	100	CAN	IP21	722x500x1262	130
sACS-E30V/200A	单相220 50/60Hz	30.3	6.0	200	30	CAN	IP21	主机 host: 710x400x1263	63
								侧充 Side charging: 703x370x514	41

*通讯方式：支持其他通讯方式定制
* Communication mode: support customization of other communication modes

注:清单中列出了部分常规规格，根据客户要求，特殊规格，可以定制!
Its only list part of product models in the table, We do customized commissioned works to meet Special charging requirements and configurations

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We will provide the best service for user both during selling and after-sales. Welcome the customer to choose our products. Please, I informus the type and specification of battery, we can recommend the most suitable discharger for you.

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