



产品概述 Product Overview

RDE-DC120E产品主要用于对电动汽车进行快速充电,其设计具备完善的充电安全保护功能和人机 交互功能。适合于室外的电动汽车充电站,公共停车场,住宅小区停车场、大型商厦停车场,路 边停充车位以及公交车站等场所。

RDE-DC120E is mainly used for fast charging of electric vehicles, and its design has perfect charging safety protection function and human-computer interaction function. It is suitable for outdoor electric vehicle charging stations, public parking lots, residential parking lots, large commercial parking lots, roadside parking Spaces

功能特点 Functional Features

- 充电效率高, 能量利用率高, 能量损耗少, 符合节能减排要求, 降低成本;
- •输入谐波小,可减少对电网的污染,具备更高的电网适用能力;
- 输入、输出电压范围宽,适用范围广,适合于多种不同的电压场合;
- •工作温度范围宽,能在不同的环境条件下正常工作;
- 充电模块支持热拔功能, 方便使用, 降低维修成本;
- 内置防反保护, 具备失效自隔离功能, 极大提高系统的可靠性;
- 具备完善的故障检测示, 能进行多种故障检测, 方便客户维护;
- 具有远程启动充电功能,可以实现微信扫一扫启动充电、终止充电、远程结算、充电过程远程
- 支持后台及云平台管理, 充电记录推送;
- 可以自动判断充电连接器、充电电缆是否连接正常。当充电桩与电动汽车正确连接后,充电桩 才能允许启动充电过程; 当充电桩检测到与电动汽车未正常连接时, 将立即停止充电;
- 具备高速CAN网络与电池管理系统BMS通信的功能,实时判断充电桩与电动汽车连接状况,并获 取电动汽车动力电池类型、电池系统参数、充电前和充电过程中电池组和单体电池的实时数
- 实时故障告警推送至平台, 方便售后维护;
- 待机功耗低,符合节能减排要求,降低运营成本。

High charging efficiency, high energy utilization rate, less energy loss, in line with the requirements of energy conservation and emission reduction, reduce costs:

The input harmonics are small, which can reduce the pollution to the power grid, and have higher power grid

Wide input and output voltage range, wide application range, suitable for a variety of different voltage

Wide operating temperature range, can work normally under different environmental conditions;

The charging module supports hot draw function, which is convenient to use and reduces maintenance cost; Built-in anti-reverse protection, with failure self-isolation function, greatly improve the reliability of the system;

With a perfect fault detection indicator, can carry out a variety of fault detection, convenient customer maintenance:

With remote start charging function, it can realize wechat scan start charging, stop charging, remote settlement, remote viewing of charging process, etc.

Support background and cloud platform management, charging record push;

You can automatically determine whether the charging connector and charging cable are connected properly. Only when the charging pile is properly connected to the electric vehicle can the charging pile be allowed to start the charging process; When the charging pile detects that it is not properly connected to the electric vehicle, it will immediately stop charging;

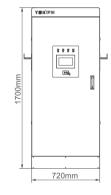
It has the function of communication between high-speed CAN network and battery management system BMS to determine the connection between charging pile and electric vehicle in real time, and obtain the electric vehicle power battery type, battery system parameters, and real-time data of battery pack and single battery before and during charging.

Real-time fault alarms are pushed to the platform to facilitate after-sales maintenance.

Low standby power consumption, meet the requirements of energy conservation and emission reduction, reduce operating costs.

and bus stations.









技术参数 Technical parameter

接触	RDE-DC120E 技术参数 Technical parameter					
### Maximum output power 120kW 方电格数量 Charging gun number 单枪 Single gun 双枪 Double gun 独称系列 Display and input function 直接指列 Display and input function 直接指列 DC plug standard, DC charging interface standard 读卡功能 Card reading function 排接触式读卡 Contactless card reader 编入电压范围 Input voltage range 3807±15% 编出电压范围 Input voltage range 200~750VDC 编出电流范围 Output voltage range 5A~250A 5A~400A 45~55Hz 45 45 45 45 45 45 45 45 45 45 45 45 45	项目 Item	型号参数 Type parameter		RDE-DC120E1H	RDE-DC120E2H	
た 他 教養		名称 Name		直流充电桩 120KW DC charging pile 120kW		
Appearance		输出最大功率	Maximum output power	120KW		
Appearance 显示及输入功能 Display and input function		充电枪数量	Charging gun number	单枪 Single gun	双枪 Double gun	
DC plug standard, DC charging interface standard 读卡功能 Card reading function 非接触式读卡 Contactless card reader 编入电压范围 Input voltage range 编出电压范围 Output voltage range 45-55Hz 编出电压范围 Output voltage range 200-750VDC 编出电压范围 Output voltage range 200-750VDC 编出电压范围 Output current range 5A-250A 5A-400A 5A-400A 5A-400A 5A-400A 5A-250A 5A-400A 5A-400A 5A-250A 5A-250A 5A-400A 5A-250A 5A-400A 5A-250A 5A-250A 5A-400A 5A-250A 5A-250A 5A-400A 5A-250A 5A-250A 5A-400A 5A-250A 5A-250A 5A-250A 5A-400A 5A-250A		显示及输入功能 Display and input function				
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输入电压频率 Input voltage frequency 输出电压范围 Output voltage range 缩出电压范围 Output voltage range 300-750VDC 输出电流范围 Output current range 5A-250A 5A-400A 功率因数 Power factor 交率 Efficiency 中压精度 Voltage accuracy 电压精度 Voltage accuracy 电流精度 Current accuracy 检流精度 Steady flow accuracy 检液素度 Steady flow accuracy 校波系数 Ripple coefficient 安全防护功能 Safety protection function 安全防护功能 Safety protection function 安全防护功能 Safety protection function 宣流电能表计量准确度 DC watt-hour meter measurement accuracy 特机功率 Standby power 启动方式 Starting mode 防护等级 Class of protection 工作环境 Working environment T作混度 Working environment ### 15 - 55Hz 200-750VDC ***********************************		读卡功能	Card reading function	非接触式读卡 Contactless card reader		
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\$\pmath{		输入电压频率	Input voltage frequency	45-55Hz		
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电流精度 Current accuracy ≥30A: 不超过±1%, <30A: 不超过±0.3% ≥30A: not more than ±1%, < 30A: not more than ±0.3%		效率	Efficiency	满载≧95% Full load ≧95%		
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功能 Feature 直流电能表计量准确度 DC watt-hour meter measurement accuracy 0.5级 Level 0.5 特机功率 Standby power ≤80W 启动方式 Starting mode 支持移动端启动、刷卡启动 Support mobile startup, credit card startup 防护等级 Class of protection IP54 工作温度 Operating temperature -20°C-50°C 工作湿度 Working humidity 5%-95%		运行监管功能	Operational supervision function			
DC watt-hour meter measurement accuracy 持机功率 Standby power ≤80W 启动方式 Starting mode 支持移动端启动、刷卡启动 Support mobile startup, credit card startup 防护等级 Class of protection IP54 T作温度 Operating temperature -20°C-50°C 工作环境 Working humidity 5%-95%		安全防护功能	Safety protection function	支持过压、过流、欠压、漏电、雷, Support over voltage, over current, under voltage, leakage, thunder, battery rev	电池反接,急停保护等防护措施 erse connection, emergency stop protection and other protective measures	
Find				0.5级 Level 0.5		
防护等级 Class of protection IP54 工作温度 Operating temperature -20°C-50°C 工作环境 Working environment T作湿度 Working humidity 5%-95%		待机功率	Standby power	≦80W		
工作温度 Operating temperature -20°C-50°C 工作环境 Working environment 工作湿度 Working humidity 5%-95%		启动方式	Starting mode	支持移动端启动、刷卡启动 Support	mobile startup, credit card startup	
工作环境 Working environment 工作湿度 Working humidity 5%-95%		防护等级	Class of protection	IPS	54	
Working environment Working numidity 5%-95%	-11 1 70	工作温度	Operating temperature	-20°C-50°C		
冷却方式 Cooling mode 风冷 Air cooling		工作湿度	Working humidity	5%-95%		
		冷却方式	Cooling mode	风冷 Air cooling		

31 32