

# EVDS 技术参数

## 产品功能及特点

- 输出功率柔性分配, 根据新能源汽车需求动态调节输出功率, 匹配最佳充电状态;
- 采用多路输出方式, 同时为多辆新能源汽车提供充电服务, 输出路数及功率为: 200KW户外型电堆: 2路、4路, 每路输出0-100KW;
- 操作终端采用7寸LCD/LED显示屏, 实时显示充电信息, 并通过触摸显示屏对用户进行引导, 操作简单, 人性化设计突出;
- 终端采用广告性设计, 高端尊享广告屏, 通过外置SD卡刷新更换广告图片, 简单快捷, 具有宽泛的宣传空间和增值价值;
- 支持实时支付、微信支付、支付宝支付等多种支付方式;
- 全新智能化管理概念, 智能化模块调度, 通过动态调节系统输出, 使模块工作在最佳状态, 充电时间节省30%, 模块寿命延长50%, 系统效率提升3%;
- 智能的功率柔性分配技术, 满足充电站内多种电动车辆同时充电的需求, 最大化的发挥充电设备效能, 降低投资成本, 提高运营回报率;
- 具备绝缘检测功能, 绝缘降低时自动关闭输出, 确保充电安全;
- 宽温度范围适应能力、具有独立的散热风道, 功率散热与控制电路分开, 保证控制电路部分无尘;
- 具有高效、高可靠、超低辐射、维护快捷、灵活扩容、节能环保等优点。

# EVDS Technical data

## product feature:

- The output power is flexibly distributed and dynamically adjusted according to the demand of new energy vehicles to match the best charging state.
- Adopt multi-channels output mode and provide charging service for many new energy vehicles at the same time. The output branches and the power is: 200KW outdoor Stack: 2 output, 4 output, each output is 0-100W.
- The 7-inch LCD/LED adopted in the operating terminal can display charging information in real time and guides the user, which is easy to operate and has outstanding user-friendly design. The operation is simple and the humanized design is outstanding.
- The terminal adopts advertising design with high-end premium advertising screen. The advertising pictures can be refreshed and replaced through external SD card. The operation is simple and fast, and have wide publicity space and added value.
- Support real-time payment, WeChat payment, alipay and other payment methods;
- Adopt New intelligent management and intelligent module scheduling. The output of the system is adjusted dynamically to make the module work in the best state. The charging time is saved by 30%, the module life is extended by 50%, and the system efficiency is increased by 3%.
- Intelligent power flexible distribution technology meets the demands of simultaneous charging of multiple electric vehicles, maximizing the performance of charging equipment, reducing investment costs and improving operating returns;
- With insulation detection function, the output is automatically closed when the insulation is reduced to ensure the safety of charging
- It can adapt to a wide temperature range and has independent cooling air duct. The heat dissipation is separated from the control circuit to ensure that the circuit is partially dust-free.
- With the advantages of high efficiency, high reliability, low radiation, quick maintenance, flexible expansion, energy saving and environmental protection.

技术资料 Technical data	EVDS系列直流充电电堆
产品型号	APL 700-320B/15000B-SG8D
系统容量	200KW
最大输出路数	4路
每路输出功率	0-100KW, 可柔性输出
输入电压	380VAC
输入电压范围	260V-530V(260V-304VAC, 输出功率降额50%)
输入谐波电流分量	< 3%
功率因数	> 0.99
工作频率	50/60HZ
输出电压	200VDC-500VDC/300VDC-750VDC
稳流精度	< 1%
稳压精度	< 0.5%
均流精度	< 3%
整机效率	95%
BMS辅助电源	12/24V
通讯方式	以太网、CAN/RS485、3G/4G
噪声 (dB)	≤ 60dB
防护等级	IP55
外形尺寸	600*800*1800mm

可定制功率范围200-360kw, 最多支持8枪

技术资料 Technical data	EVDS series DC Charging Stack
model no	APL 700-320B/15000B-SG8D
system capacity	200KW
Maximum number of output branches	4 branches
Output power per branch	0-100KW, Flexible output
Input voltage	380VAC
input voltage range input	260V-530V(260V-304VAC, Output power reduced by 50%)
Input harmonic current component	< 3%
power factor	> 0.99
operating frequency	50/60HZ
output voltage	200VDC-500VDC/300VDC-750VDC
current stabilizing precision	< 1%
voltage stabilizing precision	< 0.5%
current sharing precision	< 3%
machine efficiency	95%
BMS auxiliary power supply	12/24V
communication mode	Ethernet, CAN/RS485, 3G/4G
Noise (dB)	≤ 60dB
Protection grade	IP55
Dimension	600*800*1800mm

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