Power Star- 工商业储能用锂离子电池户外柜

Power Star- Lithium ions Battery Outdoor Cabinet for Industrial and Commercial



◉ ESD1267.2-05P760.3

高集成度工商液冷储能系统广泛应用于城市园区、楼宇、社区、低压台区等多种应用场景。

High integrated industrial and commercial liquid cooled energy storage system can be widely used in urban parks,buildings,communities,low-voltage area network and other application scenarios.



安全可靠 Safe and reliable

二簇一柜“背靠背”设计，形成独立的防火区，且柜体满足 1.5h 的耐火极限，安全等级高。

The "back to back" design of two racks and one cabinet forms an independent fire zone, and the cabinet body meets the fire resistance limit of 1.5h, with high safety level.

高效灵活 Efficient and flexible

模块化设计，支持并联，方便系统扩展；
转运灵活：占地 3.3m² 体积小，可叉可吊。

Modular design, supporting parallel connection and convenient system expansion.
Flexible transporation: it covers an area of 3.3m² with small size, and can be forked and lifted.

模块化设计 Modular design

积木式储能系统：可适配出 20 尺、40 尺集装箱尺寸方案；
支持预安装：多柜安装在预制地基上，减少现场土建电建及调试时间。

Building block energy storage system: it can adapt to the size scheme of 20 feet and 40 feet container.
Support pre-installation: multiple cabinets are installed on the prefabricated foundation to reduce the time of on-site civil construction and commissioning

智能友好 Intelligent and friendly

支持与集中式 PCS 或组串式 PCS 连接；
支持并离网模式；
实时状态监控和故障记录，实现故障预警和故障定位。

Support connection with centralized PCS or cluster PCS;
Support parallel and offline mode;
Real-time status monitoring and fault recording to realize fault early warning and fault location.

型号 /Model		ESD1267.2-05P760.3
电气参数 /ELECTRICAL		
标称能量	Nominal Capacity	760.3kWh
推荐使用电压范围	Recommended Voltage	1108.8-1425.6Vdc
标称电压	Rated Voltage	1267.2Vdc
最大充电倍率	Max Charge Rate	0.5 P@25°C
最大放电倍率	Max Discharge Rate	0.5 P@25°C
最大充电功率	Max Charge Power	380.1kW(0.5P)
环境参数 /ENVIRONMENTAL		
工作温度范围	Operating Temperature Range	-20~45°C
工作湿度范围	Operating Humidity Range	0-95%
防护等级	Enclosure Protection Rating	IP54
冷却方式	Cooled	液冷 Liquid Cooled
消防系统	Fire Fighting System	气溶胶 / 水消防 Aerosol/Water
海拔	Altitude	＜ 3000m
通讯方式 /COMMUNICATIONS		
通讯方式	Communication	CAN、RS485、Ethernet
符合标准	Certification	UL1973、UL9540A、IEC62619*、UN38.3、IEC62477*、IEC61000*、IEC60730*、IEC60356*
结构参数 /STRUCTURAL		
尺寸	Dimensions（W*D*H）	1400mm×2400mm x 2500mm
重量	Weight	≈ 7t

* 相关测试进行中 Tests are under way