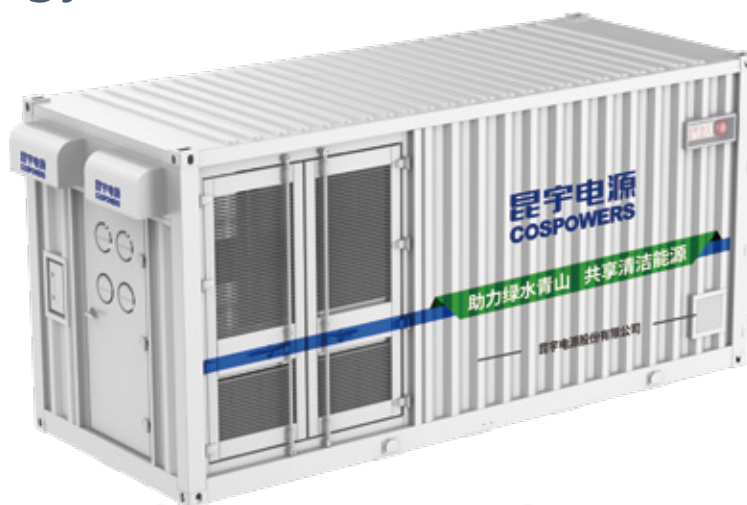


Celestial Energy-500kW/1036kWh

Celestial Energy-500kW/1066kWh-高寒型

昆宇电源
COSPOWERS



模块化
标准设计



多重
保护系统



交直流一体
安装调试高效



智能运维

| 参数 / 型号 | | Celestial Energy-500kW/1036kWh | Celestial Energy-500kW/1066kWh |
|---------|-----------|-----------------------------------|--------------------------------|
| 直流侧基本参数 | 电芯容量 | 100Ah | 280Ah |
| | 模块成组 | 3P18S | 1P14S |
| | 单簇模块数量 | 12pcs | 17pcs |
| | 电池簇数量 | 5pcs | 5pcs |
| | 电池系统电量 | 1036kWh | 1066kWh |
| | 电压范围 | 604.8~766.8V | 666.4~844.9V |
| 交流侧基本参数 | 额定交流功率 | 500kW | |
| | 额定电网电压 | AC400/230V | |
| | 接线方式 | 3W+N+PE | |
| | 额定电网频率 | 50/60Hz | |
| | 隔离方式 | 带隔离变压器 | |
| 系统级参数 | 工作温度 | -30~55℃ | -40~55℃ |
| | 环境湿度 | 0~95% (无凝露) | |
| | 工作海拔 | 2000m | |
| | 通讯方式 | 以太网、RS485、可选4G/5G移动通信 | |
| | 防护等级 | IP54 | |
| | 冷却方式 | 风冷 | |
| | 噪音 | ≤65dB | |
| | 消防 | 七氟丙烷/全氟己酮舱级/气溶胶+水消防+可燃气体探测+防爆通风系统 | |
| | 尺寸(W*D*H) | 2438*2896*6058mm | |
| | 重量 | 15t | 14t |



昆宇电源股份有限公司

网址: WWW.COSPOWERS.COM

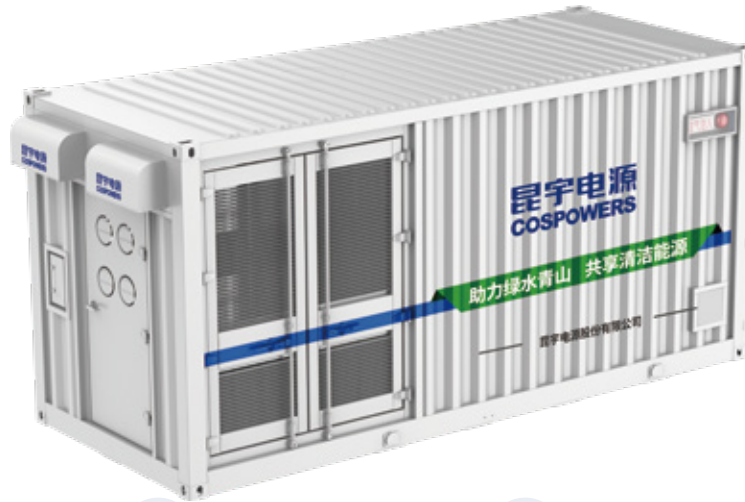
地址: 山东省东营市东营区东七路28号

电话: 0546-7768891

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Celestial Energy-500kW/1036kWh

Celestial Energy-500kW/1066kWh-Alpine type



Modular Standard Design



Multiple Protection Systems



Efficient Installation and Commissioning of AC/DC Integrated Systems



Intelligent Operation and Maintenance

| Parameters/ Model | | Celestial Energy-500kW/1036kWh | Celestial Energy-500kW/1066kWh |
|--------------------------|-----------------------------------|--|--------------------------------|
| DC side basic parameters | ell Capacity | 100Ah | 280Ah |
| | Module Structure | 3P18S | 1P14S |
| | Module quantity in single cluster | 12pcs | 17pcs |
| | Nos. of Battery Clusters | 5pcs | 5pcs |
| | Battery system power | 1036kWh | 1066kWh |
| | Voltage Range | 604.8~766.8V | 666.4~844.9V |
| AC side basic parameters | Rated grid voltage | 500kW | |
| | Wiring Mode | AC400/230V | |
| | Rated grid frequency | 3W+N+PE | |
| | Rated AC power | 50/60Hz | |
| | solution mode | no isolation transformer | |
| System level parameters | Operating temperature | -30~55°C | -40~55°C |
| | Ambient Humidity | 0~95% (no condensation) | |
| | Working Altitude | 2000m | |
| | Communication method | Ethernet, RS485, optional 4G/5G mobile communication | |
| | Protection level | IP54 | |
| | Cooling Method | Air cooling | |
| | Noise | ≤65dB | |
| | Fire protection system | Heptafluoropropane/Perfluorohexanone compartment level/aerosol ten water fire protection + combustible gas detection +explosion-proof ventilation system | |
| | Size(W*D*H) | 2438*2896*6058mm | |
| Weight | 15t | 14t | |



Cospowers Technology Co., Ltd.

W: WWW.COSPOWERS.COM

A: No.28, Dongqi Road, Dongying City, Shandong Province, P.R.C.

T: +86-546-7768891

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