储能电池系列

Energy Storage Battery Series

SUE5K

LFP Battery 5.12kWh Wall-mounted
磷酸铁锂电池 5.12kWh 壁挂式

- Wall-mounted design
  壁挂式安装设计
- CAN/RS485 inverter protocol
  支持主流逆变器协议
- Built-in BMS management
  内置BMS智能管理
- Parallel expansion supported
  支持并联扩容
- Grade-A cells, 8000 cycles
  A级电芯，循环寿命8000次
- IP21/IP65 optional
  IP21/IP65可选

规格参数Specifications

型号Model	SUE5K
设计样式Case design	壁挂式Wall mounted
电池类型Battery Type	磷酸铁锂LiFePO4
电压 Normal Battery Voltage (Vdc)	51.2V
容量 Normal Capacity (25℃ 0.2C)(Ah)	100Ah
能量 Normal Capacity (25℃ 0.2C)(Ah)	5120WH
浮充电压 Float Charge Voltage (Vdc)	56.0V
电压范围 Operation Voltage range (Vdc)	40.0~58.4V
最大连续充电电流 (A) Max Continuous Charge Current (A)	50A
最大连续放电电流 (A) Max Continuous Discharge Current (A)	100A
最大脉冲放电电流 (A) Max Pulse Discharge Current (A)	150A 1Sec
端子 Terminal	M6
存储温度Storage temperature	0℃~30℃
防护等级IP degree	IP 20
存储期限Storage duration	6月months at 25℃
安全标准Safety standard	UN38.3,MSDS
显示Display(可选Optional)	LCD
通讯Communication	CAN,RS485
保护Protection	
保护Protect	过充保护、过放保护、过流保护、短路保护、过温保护 Overcharge Protection, Over Discharge Protection, Over-Current Protection, Short Circuit Protection, Over Temperature Protection
环境Environment	
工作温度 Working Temperature	-10℃~+50℃
湿度Humidity	0~95%(no condensation)
最高海拔Sea Level(m)	≤1500
结构形状 Structural shape	
产品尺寸 Product Dimensions (mm)	660*410*139 mm
包装尺寸 Packaging Dimensions (mm)	740*490*219 mm
净重 Net Weight (kg)	44.2Kg
毛重 Gross Weight (kg)	46.9Kg