



KE-12KC5LSUF

- IP20/IP54, 满足不同场景使用需求
IP20/IP54, meeting the usage requirements of different scenarios
- 最多支持6台并机, 离网运行, 支持多个电池并联
supports up to 6 units in parallel, off-grid operation,
and multiple batteries in parallel
- 双路MPPT, 效率可达99.9%
Dual - channel MPPT, with an efficiency of up to 99.9%
- 支持深度定制
Support deep customization
- BMS通讯协议可开放
BMS communication protocol can be opened



型号 Model	KE-12KC5LSUF
逆变器输出 Inverter Output	
额定输出功率 Rated Output	12,000W
最大峰值功率 MAX Peak Power	24,000W
额定输出电压 Rated Output Voltage	120 V, 单相(Single-phase) / 240 V, 分相(split-phase)
带载电机能力 Motor Load Capacity	6HP
额定频率 Rated Power	50/60Hz
输出波形 Output Voltage Waveform	纯正弦波(Pure sine wave)
切换时间 Transfer Time	10ms
可并机数量 The number of units that can be paralleled	1-6 台(Unit)
过载保护 Overload protection	采用反延时过载保护算法(Adopting an inverse time overload protection algorithm)
电池 Battery	
电池类型 Battery Type	锂离子电池/铅酸电池/用户自定义 (Lithium-ion battery / lead-acid battery/User-defined)
额定电池电压 Rated Battery Voltage	48V
电压范围 Battery Voltage Range	40~60V
最大光伏充电电流 Max PV Charging Current	220A
最大市电/发电机充电电流 Max mains/generator charging current	140A
最大混合充电电流 Max mixed charging current	220A
光伏输入 PV Input	
MPPT路数 The number of MPPT channels	2
最大输入功率 Maximum input power	9,000W+9,000W
最大输入电流 Maximum input current	22A+22A
最大开路电压 Maximum open-circuit voltage	500V+500V
MPPT工作电压范围 MPPT operating voltage range	125 ~ 425V
市电/发电机输入 Utility/Generator Input	
输入电压范围 Input voltage range	90 ~ 275V
输入频率范围 Input frequency range	50/60Hz
旁路过载电流 Bypass overload current	63A
效率 Efficiency	
MPPT追踪效率 MPPT tracking efficiency	99.9%
电池逆变最大效率 Max efficiency of battery inverter	92%
通用 Universal	
尺寸(mm) Dimensions	450*620*142mm
重量 Weight	27kg
防护等级 Protecting Level	IP20/IP54
环境温度 Operating Temperature Range	-10~55 C , >45°C 降额(Derating)
噪音 Noise	<60dB
散热 Heat dissipation	智能风冷(Intelligent air cooling)
质保时间 Warranty Period	3年(Years)
通讯 Communication	
通讯接口 Communication method	Wi-Fi / 蓝牙(Bluetooth) / RS 485 / CAN / USB / 干接点(Dry contact)
外接模块(选配) External module (optional)	4G

