



KE-8KC5LSUF

- 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-8KC5LSUF
逆变器输出Inverter Output	
额定输出功率Rated Output	8,000W
最大峰值功率MAX Peak Power	16,000W
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	5HP
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	180A
最大市电/发电机充电电流Max mains/generator charging current	100A
最大混合充电电流Max mixed charging current	180A
光伏输入PV Input	
MPPT路数The number of MPPT channels	2
最大输入功率Maximum input power	7,500W+7,500W
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

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