



KE-8KC5L1EF

- 最多支持6台并机
Supports up to 6 units in parallel
- MPPT追踪效率可达99.9%
The MPPT tracking efficiency can reach 99.9%
- 外形美观,安装简单,实用方便
Beautiful appearance, simple installation, practical and convenient
- 具备软件到硬件的全面安全防护
It has comprehensive security protection from software to hardware.





型号 Model	KE-8KC5L1EF
逆变输出 Inverter Output	
额定输出功率 Rated Output	8000W
最大峰值功率 MAX Peak Power	16000W
额定输出电压 Rated Output Voltage	230V, 单相 (Single-phase) / 并机作三相 (three-phase when paralleled)
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 (典型值) 单机最大值 20ms, 并机最大值 30ms (10ms (typical value). The maximum value is 20ms for single unit and 30ms for parallel operation.)
可并机数量 The number of units that can be paralleled	6
电池 Battery	
电池类型 Battery Type	铅酸或锂离子电池 (Lithium-ion battery / lead-acid battery)
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	170~280V±7V(UPS); 90~280V±7V(APL)
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	99.90%
电池逆变最大效率 Max efficiency of battery inverter	93%
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
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	
通讯方式 Communication method	RS485/CAN/GPRS/WIFI/蓝牙 (Bluetooth)/4G/LAN (Optional)
认证 Certification	
总览 Overview	IEC62109-1/IEC62109-2, EN61326-1:2013

