



CT-5KC6LSUF

- 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
Supports up to 6 units in parallel
- MPPT追踪效率高达99.9%
MPPT tracking efficiency is as high as 99.9%
- 外形美观, 安装简单, 使用方便
MPPT tracking efficiency is as high as 99.9%
- 具备软件到硬件的全面安全防护
It has comprehensive safety protection from software to hardware

美标裂相技术参数表 Technical Parameters Table of American Split-Phase Technology

型号Model	CT-5KC6LSUF
逆变输出Inverter Output	
额定输出功率Rated Output	5000W
最大峰值功率MAX Peak Power	10000W
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	4.8HP
额定频率Rated Power	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	51.2V
电压范围Battery Voltage Range	40~60V
最大光伏充电电流Max PV Charging Current	120A
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	120A
光伏输入PV Input	
MPPT路数The number of MPPT channels	1
最大输入功率Maximum input power	7500W
最大输入电流Maximum input current	27A
最大开路电压Maximum open-circuit voltage	500V
MPPT工作电压范围MPPT operating voltage range	125V~425V
市电、发电机输入Utility/Generator Input	
输入电压范围Input voltage range	90V~275V
输入频率范围Input frequency range	60/55-65Hz
旁路过载电流Bypass overload current	40A
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	470*400*130mm
重量Weight	17.2kg
防护等级Protecting Level	IP20/IP54
环境温度Operating Temperature Range	-10~55℃
噪音Noise	≤45dB
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	UL 1741 3nd Edition (September 28, 2021),CSA-C22.2 No.107.116,UL991/UL1998,CEC Efficiency, UL 1699B,IEEE2030.5&E5000&E5036,FCC PART 15B



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型号Model	CT-6KC6LSUF
逆变输出Inverter Output	
额定输出功率Rated Output	6000W
最大峰值功率MAX Peak Power	12000W
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	4.8HP
额定频率Rated Power	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	51.2V
电压范围Battery Voltage Range	40~60V
最大光伏充电电流Max PV Charging Current	120A
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	120A
光伏输入PV Input	
MPPT路数The number of MPPT channels	1
最大输入功率Maximum input power	9000W
最大输入电流Maximum input current	27A
最大开路电压Maximum open-circuit voltage	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	90V~275V
输入频率范围Input frequency range	60/55-65Hz
旁路过载电流Bypass overload current	50A
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	470*400*130mm
重量Weight	17.2kg
防护等级Protecting Level	IP20/IP54
环境温度Operating Temperature Range	-10~55℃
噪音Noise	≤45dB
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	UL 1741 3nd Edition (September 28, 2021),CSA-C22.2 No.107.116,UL991/UL1998,CEC Efficiency, UL 1699B,IEEE2030.5&E5000&E5036,FCC PART 15B



CT-10KC5LSUF

- 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

美标裂相技术参数表 Technical Parameters Table of American Split-Phase Technology

型号Model	CT-10KC5LSUF
逆变器输出Inverter Output	
额定输出功率Rated Output	10,000W
最大峰值功率MAX Peak Power	20,000W
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	200A
最大市电/发电机充电电流Max mains/generator charging current	120A
最大混合充电电流Max mixed charging current	200A
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