

产品特性



1. 适用于36V/72片太阳能板:
($V_{mp}: 35-39V$, $V_{oc}: 42-46V$)
2. IP65防水设计, MC4接口, 适合户外安装。
3. 支持通信功能, 可实时监测发电情况。
4. 双AC输出端口, 连线更方便。
5. 独创MPPT技术, 效率 $>99\%$ 反应更灵敏, 最大功率点锁定更快速。
6. 独特电路设计, 进口工业级电子元件, 产品应用效率更高, 性能更稳定;
7. 并联式组件模块化设计(堆叠使用)方便系统配置, 灵活组合, 系统扩展性强。
8. 采用高速DSP(数字信号处理器)及精密传感IC, 能够精准量测各项电气参数, 配合本公司信息发射器和信息收集器。



Product Feature

1. Suitable for 36V/72 cells solar panels,
 $V_{mp}: 35-39V$, $V_{oc}: 42-46V$
2. IP65 waterproof design and MC4 connector are suitable for outdoor installation.
3. Built-in communication module is support for monitoring at any time.
4. Double AC output connectors, more convinces for cable connecting.
5. Creative MPPT tech makes efficiency higher than 99%. reaction more sensitive and MPPT locking more faster.
6. Creative circuit design and imported industrial components make application efficiency more higher and performance more stable.
7. Parallel modular components design (stacking use) is convenient for systems setting, flexible combination and system scalability.
8. Adapt to high speed DSP (Digital Signal Processor) and precision sensing IC, which are able to measure various electrical parameters precisely.



额定功率 Rated Power	200W	230W	250W	300W
推荐太阳能板 Matched solar panel	$V_{mp}: 35-39V$ $V_{oc}: 42-46V$			
DC输入电压 DC Input Voltage Range	24-48V			
MPPT电压 MPPT Voltage	28-36VDC			
DC最大输入电流 Max. DC Input Power	10A	15A	15A	15A
AC输出电压范围 AC Output Voltage Range	120VAC(90-140VAC) or 230VAC(190-260VAC)			
频率范围 Frequency Range	50Hz/60Hz			
功率因数 Power Factor	$>98.5\%$			
总谐波失真 THD	$<5\%$			
相移 Phase Shift	$<1\%$			
防水等级 Waterproof Grade	Ip65			
峰值效率(110V) Peak Efficiency (110V)	95%	95%	95%	95%
稳定效率(110V) Stable Efficiency (110V)	92%	91%	91%	91%
冷却方式 Cooling	自然冷却 Nature Cooling			
峰值效率(220V) Peak Efficiency (220V)	95%	95%	95%	95%
稳定效率(220V) Stable Efficiency (220V)	93%	92%	92%	92%
保护 Protection	孤岛保护, 短路保护, 反接保护, 低压保护, 高压保护, 高温保护等 Islanding; Short-circuit; Converse connection; Low voltage; Over voltage; Over temperature; etc.			
工作温度 Work Temperature	$-25^{\circ}C-65^{\circ}C$:			
电磁兼容 EMC	EN61000-6-3:2007 EN61000-6-1:2007			
电网干扰 Grid Disturbance	EN 50178+EN 62109-1+VDE0126-1-12			
电网检测 Grid Detection	DIN VDE 1026 UI1741			
认证 Certificate	CE			