

## 产品特性



- 3种不同输入电压范围, 分别适用于
  - 18V/36片太阳能板:  
Vmp: 18-21V, Voc: 20-24V
  - 24V/60片太阳能板:  
Vmp: 26-30V, Voc: 34-38V
  - 36V/72片太阳能板:  
Vmp: 35-39V, Voc: 42-46V
- 支持小功率风力发电机并网发电使用。
- 独创MPPT技术, 效率>99%反应更灵敏, 最大功率点锁定更快速。
- 安全隔离式高频变压器, 高效安全。
- 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。
- 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。

## Product Feature

- Three input voltage range, suitable for different solar panels,
  - 18V/36 cells solar panels,  
Vmp is 18-21V and Voc is 20-24V
  - 24V/60 cells solar panels,  
Vmp is 26-30V and Voc is 34-38V
  - 36V/72 cells solar panels,  
Vmp is 35-39V and Voc is 42-46V
- Support for small power wind turbine using grid power.
- Creative MPPT tech makes efficiency higher than 99%. reaction more sensitive and MPPT locking more faster.
- Adopting high-frequency isolation transformer, high efficiency, and high security.
- Creative circuit design and imported industrial electronic components make application efficiency more higher and performance more stable.
- Parallel modular components design (stacking use) is convenient for systems setting, flexible combination and system scalability.



额定功率 Rated Power	1000W		
推荐太阳能板 Matched solar panel	Vmp:18-21V, Voc:20-24V	Vmp:26-30V, Voc:34-38V	Vmp:35-39V, Voc: 42-46V
DC输入电压 DC Input Voltage Range	10.5-28V	20-40V	24-48V
MPPT电压 MPPT Voltage	15-23VDC	24-34VDC	26-36VDC
DC最大输入电流 Max. DC Input Power	80A	60A	50A
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	>97.5%		
总谐波失真 THD	<5%		
相移 Phase Shift	<1%		
防水等级 Waterproof Grade	室内设计 Indoor design		
峰值效率 Peak Efficiency	82%	87%	87%
稳定效率(110V) Stable Efficiency (110V)	79%	84%	85%
冷却方式 Cooling	风扇 Fan		
峰值效率(220V) Peak Efficiency (220V)	82%	87%	89%
稳定效率(220V) Stable Efficiency (220V)	80%	85%	85%
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℃-65℃;		
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		