

## 产品特性



- 适用于太阳能板：
  - 24V/60片 (Vmp:26-30V, Voc:34-38V)
  - 36V/72片 (Vmp:35-39V, Voc:42-46V)
- 全电压输出 (90-260VDC)，包含了世界上所有国家的民用电网电压范围，MCU自动检测和转换，适合所有国家。
- 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

- Matched solar panels :
  - 24V/60 cells (Vmp:26-30V, Voc:34-38V)
  - 36V/72 cells (Vmp:35-39V, Voc:42-46V)
- Full output voltage 90-260VAC which includes all countries' voltage standard. MCU automatic detection and conversion ensures that Smart Microinverter can work with different AC voltages.
- 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	200W	300W	400W	500W	600W
推荐太阳能板 Matched solar panel	① Vmp:26-30V Voc:34-38V		② Vmp:35-39V Voc:42-46V		
DC输入电压 DC Input Voltage Range	① 20-40V		② 24-48V		
MPPT电压 MPPT Voltage	① 24-33VDC		② 28-36VDC		
DC最大输入电流 Max. DC Input Power	20A	25A	30A	35A	45A
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	室内设计 Indoor design				
峰值效率(110V) Peak Efficiency (110V)	89%	89%	88%	88%	87%
稳定效率(110V) Stable Efficiency (110V)	87%	87%	86%	86%	85%
冷却方式 Cooling	风扇 Fan				
峰值效率(220V) Peak Efficiency (220V)	92%	91%	90%	90%	89%
稳定效率(220V) Stable Efficiency (220V)	87%	87%	86%	86%	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				