

Micro inverter

微逆



- 模块级的MPPT和监控功能级MPPT和模块级监控。用于“4合1”微逆逆变器的4 MPPT 实现了功能更强大，更智能的模块级太阳能解决方案。
- 更安全最大60V DC 输入电压不会对安装人员造成触电和屋顶火灾的危险。
- 提供4种充电模式：仅太阳能，市电优先，光伏的。
- 节省成本集成的交流电缆和内置的WiFi 监控设备可降低光伏系统的硬件成本。
- 简便灵活的安装菊花链式交流电缆可在屋顶上“即插即用”安装。同时，四极模块可以灵活地添加到现有的太阳能系统中。
- 终身设计保修10年保修适用于为投资者和最终用户提供太阳能系统终生无故障服务。

- **Module-level MPPT & Monitoring** Featured with module-level MPPT and module-level monitoring, 4 MPPT for "4 in 1" microInverter realizes a more powerful and smarter module-level solar solution.
- **Much Safer** Max.60V DC Input voltage makes no risk of electric shock for installers and fire on rooftops.
- **Available in 4 charging modes:** Only Solar, Mains Priority, Solar
- **Cost-saving** Integrated AC cable and built-in WIFI monitoring device make lower hardware cost for PV system.
- **Easy & Flexible Installation** Daisy chain AC cable enables "plug & play" installation on rooftops, meanwhile quad modules are possible to add on existing solar system flexibly.
- **Lifetime design Warranty** 10-year warranty is available for trouble free service in lifetime of solar system for investors and endusers.

	SUN-300-PRO	SUN-600-PRO	SUN-1300-PRO	SUN-2000-PRO
Recommended Input Power (STC)	210~400W (1 Piece)	210~400W (2 Piece)	210~400W (4 Pieces)	210~600W (4 Pieces)
Maximum input DC Voltage	60V	60V	60V	60V
MPPT Voltage Range	25~55V	25~55V	25~55V	25~55V
Operating DC Voltage Range	20~60V	20~60V	20~60V	20~60V
Max. DC Short Circuit Current	16A	16A	16A	16A
Max. Input Current	10.5A×1	10.5A×2	10.5A×4	12.5A×4
Rated output Power	300W	600W	1300W	2000W
Maximum output Power	330W	660W	1430W	2200W
Maximum output Current	1.4A	2.9A	6.2A	9.6A
Nominal Voltage / Range	230V / 184-265V	230V / 184-265V	230V / 184-265V	230V / 184-265V
Nominal Frequency / Range	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz
Extended Frequency / Range	45~55Hz / 55~65Hz	45~55Hz / 55~65Hz	45~55Hz / 55~65Hz	45~55Hz / 55~65Hz
Power Factor	>0.99	>0.99	>0.99	>0.99
Maximum units per branch	17	8	4	3
CEC Weighted Efficiency	95%	95%	95%	95%
Peak Inverter Efficiency	96.5%	96.50%	96.50%	96.50%
Static MPPT Efficiency	99%	99%	99%	99%
Night Time Power Consumption	50mW	50mW	50mW	50mW
Ambient Temperature Range	-40~65℃	-40~65℃	-40~65℃	-40~65℃
Size (mm)	212W×229H×40D (Without mounting bracket and cable)	212W×229H×40D (Without mounting bracket and cable)	267W×300H×42.5D (Without mounting bracket and cable)	267W×300H×42.5D (Without mounting bracket and cable)
Weight (kg)	3.5	3.5	5.2	5.2
Cooling	Natural cooling	Natural cooling	Natural cooling	Natural cooling
Enclosure Environmental Rating	IP67	IP67	IP67	IP67
Compatibility	Compatible with 60~72 cell PV modules	Compatible with 60~72 cell PV modules	Compatible with 60~72 cell PV modules	Compatible with 60~72 cell PV modules
Communication	Power line / WIFI / Zigbee	Power line / WIFI / Zigbee	Power line / WIFI / Zigbee	Power line / WIFI / Zigbee
Compliance	EN50549, VDE0126, VDE4105, IEC62109, CE, INMETRO	EN50549, VDE0126, VDE4105, IEC62109, CE, INMETRO	EN50549, VDE0126, VDE4105, IEC62109, CE, INMETRO	EN50549, VDE0126, VDE4105, IEC62109, CE, INMETRO
Warranty	10 years	10 years	10 years	10 years