



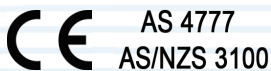
Grid Tied PV Inverter

MP-3000 (3KW) / 5000 (5KW) / 10000 (10KW)

Feature

- Advanced DSP control technology delivering excellent performance
- Two independent MPPTs to enhance overall system efficiency
- Maximum efficiency up to 96%
- Modulized design for easy maintenance
- Industrial-grade components for robust operations
- Data log guarantees system can save data up to 15 years
- IP 65 protection for outdoor and harsh environment
- 5-year product warranty
- Optional monitoring software Is available

Certified



Taiwan

AnChing New Energy Machinery & Equipment Co., Ltd
7F, No.69-6, Sec.4, Zhongxiao East Road, Taipei 10688, Taiwan
Tel : +886-2-2731-5008 / Fax : +886-2-2731-0660

China

Efftronics Energy Engineering (Suzhou)
107, Nangongyuan, No.399 Linquan Street, Dushu Lake Higher Education District, Suzhou Industrial Park. Post Code 215123
Tel : +86-0512-62997101 / Fax : +86-0512-62997120

MP-3000 (3KW) / 5000 (5KW) / 10000 (10KW)

Embedded with 2 independent MPPT circuits, the MP series solar inverter can operate at the optimal efficiency under different weather conditions. MP series solar inverter can accommodate a wide input voltage range while maintaining high conversion efficiency. User friendly interface and modularized design make maintenance and upgrade easy. With monitoring software, MP series solar inverter can help user to monitor the produced energy easily.



MP-3000



MP-5000



MP-10000

MP-3000/5000/10000 Specification

Model	MP 3000 / 3kW	MP 5000 / 5kW	MP 10000 / 10kW
INPUT (DC)			
Max. DC Power	3200 W	5300 W	11000W
Max DC Voltage	500 VDC		900 VDC
MPPT Voltage Range	150 VDC – 450 VDC		320 VDC – 800 VDC
DC Nominal Voltage	370 VDC		600 VDC
Start-up Voltage / Initial Freeing Voltage	116 VDC / 150 VDC		250 VDC / 250 VDC
Maximum Input Current / Per String	2 x 10A / 10A	2 x 16A / 16A	2 x 17A / 17A
DC Switch	Yes		
OUTPUT (AC)			
AC Nominal Power	3000 W	5000 W	10000 W
Maximum AC Apparent Power	3000 W	5000 W	10000 W
Maximum AC Voltage / Range	230 VAC / 184 VAC – 264.5 VAC		3/N/PE, 230/400VAC
AC Grid Frequency	50 Hz		
AC Grid Frequency Range	47.5 – 50.2 Hz		
Nominal Output Current	13 A	21.7 A	14.5A
Power Factor	>0.99		>0.89
EFFICIENCY			
Maximum Efficiency	96.5%		98.0%
European Efficiency @ Nominal Voltage&100% Load	95.5%		97.0%
PROTECTION			
DC Reverse-Polarity Protection	Yes		
Ground Fault Monitoring	Yes		
Grid Monitoring	Yes		
AC Short Circuit Protection	Yes		
PHYSICAL			
Dimension L x W x H(mm)	400 x 420 x 150	553 x 326 x 190	653 x 503 x 171
Net Weight (kg is enough)	20.5	25	40
INTERFACE			
Intelligent Slot	Modbus Card Option : SNMP card, USB card, AS400 card		
ENVIRONMENT			
Humidity	0~100% RH (Non Condensing)		
Operation Temperature	-25°C -60°C	-25°C -55°C	-25°C -60°C
Altitude	0-1000m		
COMPLIANCE			
Quality	ISO 9001 / ISO14001		
Standard	CE,VDE01261-1,IEC62109, RD 1663,G83/1-1, AS3100/AS47777		

©Power deteriorates 1% every 100m when altitude is over 100m.

©Product specifications are subject to change without further notice.