

MICRO INVERTER PM Series

800~2250W | AC230V | IP67



High Power Output

Maximum continuous Ac output power 2250W

Plug & Play

Maximum connects to 4 PV panel

Dual MPPT

Dual MPPT maximizes power generation and efficiency.

IP67 Protection

Waterproof and dustproof design suitable for outdoor use.

Remote Monitoring

WiFi enabled for real-time monitoring of system performance.

Multiple Protections

Built-in safety functions compatible with both crystalline and thin-film PV panels.

MAIN PARAMETER

MODEL	PM-800	PM-1000	PM-1200	PM-1600	PM-2000	PM-2250
INPUT(DC)						
Recommended solar panel input power(W)	275-530W× 2	275-530W× 2	275-530W× 2	275-530W× 4	275-530W× 4	275-630W× 4
Number of DC input connections (group)	MC4 × 2			MC4 × 4		
Maximum DC input voltage	60V			60V		
Max. input short-circuit current	20A*2			25A*4		
Operating voltage range	16-60V			16-60V		
Start-up voltage	22V			22V		
MPPT tracking range	22-55V			22-55V		
MPPT tracking accuracy	>99.5%			>99.5%		
Maximum DC input current	14A*2	16A*2	18A*2	14A*4	16A*4	18A*4
OUTPUT(AC)						
Max. continuous output power	800W	1000W	1200W	1600W	2000W	2250W
Nominal output voltage	230V	230V	230V	230V	230V	230V
Operating voltage range	190-270V	190-270V	190-270V	190-270V	190-270V	190-270V
Max. continuous output current	3.47A	4.34A	5.12A	6.95A	8.69A	9.78A
Nominal output frequency	50Hz/60Hz					
Output frequency range	47.5-50.5Hz/58.9-61.9Hz					
Maximum units per branch	6set	6set	6set	2set	2set	2set
THD	<5%					
Power factor	>0.99					
Peak efficiency	96%					
Protective class	Class I					

OTHER PARAMETER

MODEL	PM-800	PM-1000	PM-1200	PM-1600	PM-2000	PM-2250
PROTECTION FUNCTION						
Integrated	Over/under voltage protection, Over/under frequency protection, Anti-islanding protection, Over current protection, Over load protection, Over temperature protection					
Protection grade	IP67					
Working environment temperature	-40°C ~ +65°C					
Indication light quantity	Working status: Led light + Wi-Fi Signal Led light					
Communication connection mode	Wifi/2.4G					
Cooling method	Natural cooling(no fan)					
Working environment	Indoor / outdoor					
MECHANICAL SPECIFICATIONS						
Machine Dimension (W*H*D)(mm)	227*195.5*42			342*225.4*50		
Package Dimension (W*H*D)(mm)	/			/		
N.W(kg)	2.52			5.2		
G.W(kg)	/			/		
Standard Warranty	10 years					
CERTIFICATION & STANDARDS						
VDE: VDE-AR-N 4105 CE-LVD: EN62109-1, EN62109-2 Rohs: IEC62321						