

P250-Microinverter



The P&P Energy Microinverter system improves energy harvest, increases reliability, and dramatically simplifies design, installation and management of solar power systems.

The P&P System includes the microinverter, the communications gateway, and P&P's monitoring and analysis software.

Productive

- Maximum energy production
- Resilient to dust, debris and shading
- Performance monitoring per module

RELIABLE

- System availability greater than 99.5%
- No single point of system failure

SMART

- Quick and simple design, installation and management
- 24/7 monitoring and analysis

SAFE

- Low voltage DC
- No fire risk

P250-Microinverter Technical Data



Input Data(DC)		P250-G
Recommended input power(STC)		280W
Maxium input DC voltage		62V
Peak power tracking voltage		26V-58V
Min./Max. start voltage		25V/62V
Max. DC short circuit current		20A
Max. input current		15A
Output		
Maximum output power		250W
Nominal output current		1.2A
Nominal voltage/range		220V/208V-232V
Extended voltage/range		220V/203V-239V
Nominal frequency/range		60.0/59.5-60.8
Extended frequency range		60.0/59.2-61.0
Power Factor		>0.95
Maximum units per branch		18
Efficiency		
Peak inverter efficiency		95.5%
CEC weighted efficiency		95%
Nominal MPP tracking		99.4%
Mechanical Data		
Operation temperature range		-40°C to 65°C
Night time power consumption		30mW
Dimensions(WxHxD)		123mm X 195mm X 26mm
Weight		2.2kg
Cooling		Natural convection - No fans
Enclosure environmental rating		Outdoor - NEMA 6 , IP68
Features		
Communication		Power line, Wireless
Warranty		25 Years
Monitoring		Free lifetime monitoring
Compliance		UL1741/IEEE1547/ETL/FCC

P&P ENERGY TECHNOLOGY CO., LIMITED

No. 100 Waihuan Xi Road, Panyu District, Guangzhou, P.R China (510006)

MOB: 13632297579, TEL: 020-39323011, Mail: felix@ppnewenergy.com

www.ppnewenergy.com