

## Micro solar inverter

## **Features**

- Long lifetime and Increased reliability.
- Maximized energy harvest Reduced power loss with shade, dust and debris.
- Simple design, with Plug and Play chain installation Improved safety with no high voltage hazards Easy installation.
- Constant remote monitoring at PV module level



Specifications	
Model	PT-msi-M248
Input Data(DC)	
Recommended Maximum Input Power	300W
Maximum Input DC voltage	50V
Min./max. Start voltage	26V/50V
Peak Power Tracking Range	26V~40V
Operating Range	22V~50V
Maximum DC Short Circuit Current	15A
Maximum Input Current	10A
Output Data (AC)	
Maximum Output Power	248W
Nominal Output Current	1.08A
Maximum Output Current	1.11A
Nominal Output voltage Range	Matching grid demand
Nominal Output Frequency Range	Matching grid demand
Power Factor	>0.99
Total Harmonic Distortion	<3%
Maximum Units Per Branch	15
Efficiency	
Peak Inverter Efficiency	95.50%
CEC Weighted Efficiency	94.50%
Nighttime Power Consumption	120mW
Mechanical Data	
Enclosure Environmental Rating	IP65
Ambient temperature range	-40°C ~ +65 °C
Operating Temperature Range (Internal)	-40°C - +85 °C
Dimensions (W*H*D)	250mm* 167mm*25mm
Weight	1.7kg
Features	
Communication	PLCC (Power Line Carrier Communication)
Warranty	5Years (Optional 25 years)







