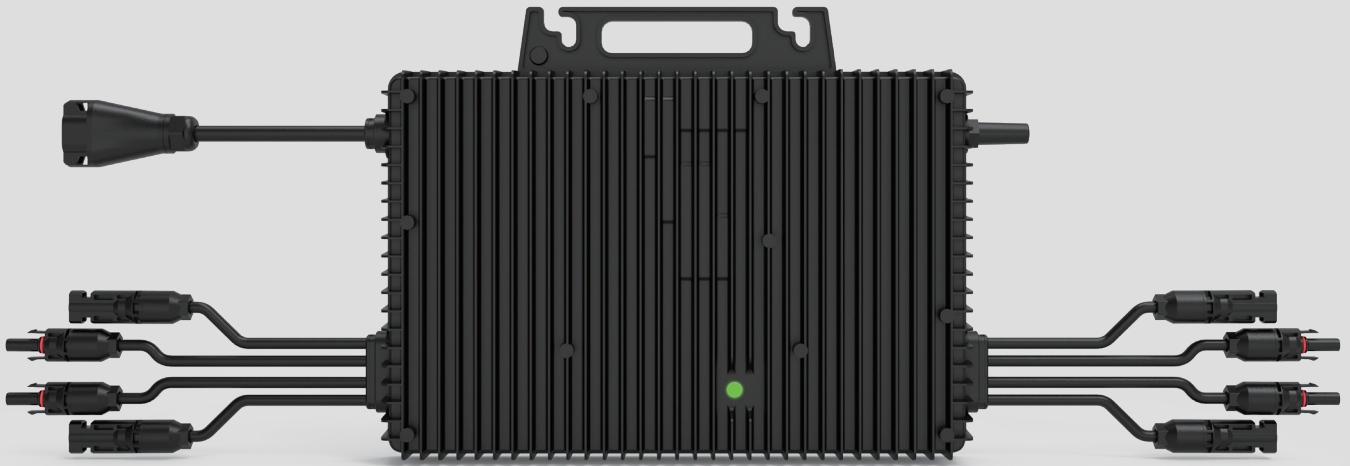


Model No: RPMI-2000/2300-4T

Solar Microinverter

V202502

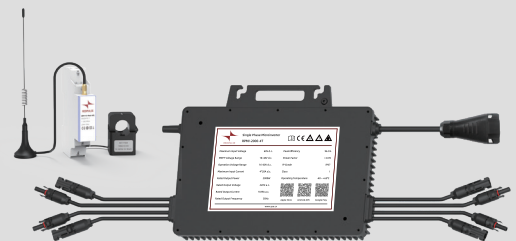


Product Description

RPMI-2000/2300-4T series microinverter is specially designed for small and medium-sized solar power generation systems, with a typical application case being balcony solar systems or small and medium-sized industrial and commercial solar power generation systems. The output power up to 2300W and the performance is ahead of similar products. Equipped with the self-developed antireverse flow meter to control the power output of pv modules, it automatically matches the real-time power of household electrical equipment.

Data monitoring: Integrated industrial-grade Wi-Fi module, automatic MESH networking function, simple setup can be networked through the home router, through the Solar Point data platform to view the power generation status of each PV module.

Installation: with user-friendly connectors, plug and play, clean energy, easy to get.



Product Features

Core Highlights

Support wireless anti backflow
(up to 6 microinverters)
55°C Power derating

Installation Friendly

Maximum output power up to 2300W
Support OCR fast one-click networking
WiFi MESH communication

Experience Friendly

Plug and play installation
One-click access to Solar Point
Cloud Monitoring Platform

O&M Convenient

Module-level data monitoring
Remote firmware update

Technical Specifications

MODEL	RPMI-2000-4T	RPMI-2300-4T
INPUT (DC)		
Adapted pv module power	400 ~ 670W	450 ~ 730W
Max. input voltage	60V	
MPPT voltage range	18 ~ 48V	
Starting voltage	16V	
Max. input current	4*20A	4*20A
Max. input short-circuit current	4*25A	
Number of MPPTs	4	
Max. number of input channels	4	
OUTPUT (AC)		
Rated output power	2000W	2300W
Rated output current	9.09A	10.45A
Output voltage/Range	220V/187V~270V	
Rated frequency	50/60Hz	
Power factor	>0.99 Default	
THD	< 3%	
Max. number of microinverter of each branch(10AWG trunk cable)	3	
Max. number of microinverter of each branch(12AWG trunk cable)	2	
EFFICIENCY		
Peak efficiency	96%	
MPPT efficiency	99.9%	
COMMON PARAMETER		
Environmental temperature	-40°C ~ +65°C	
Size	326*252*42mm	
Weight	5.4kg	
Protection grade	IP67	
Max. altitude	< 2000m	
Cooling method	Natural cooling	
Night power consumption	< 50mW	
Communication method	WiFi MESH / PLC	
Isolation method	High frequency transformer electrical isolation	
Monitoring platform	Solar Point intelligent data monitoring platform	
Grid connection standard	NB/T 42142 - 2018	
Certificate	CEI/EN 62109-1/-2, CEI/EN 61000-6-1/-2/-3/-4, CEI/EN 61000-3-2/-3	

SECURITY PROTECTION FUNCTION

Anti-islanding protection, input reverse protection, output short-circuit protection, output over-current protection, output over-voltage protection, 6000V surge protection