

Model No: RPMI-700/800-2T

Solar Microinverter

V202502



Product Description

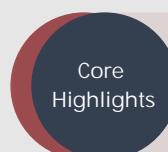
RPMI-700/800-2T series microinverter is specially designed for small and medium-sized solar power generation systems, with a typical application case being balcony solar systems. It can meet the power generation demand of one PV module up to 800W or two PV modules up to 400W. Equipped with the self-developed anti reverse 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 WiFi 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



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



Compatible with 300W to 800W high power PV module
Support OCR fast one-click networking WiFi MESH communication



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



Module-level data monitoring
Remote firmware update

Technical Specifications

MODEL	RPMI-700-2T	RPMI-800-2T
INPUT (DC)		
Adapted PV module power	300 ~ 730W	300 ~ 800W
Max. input voltage	60V	
MPPT voltage range	18 ~ 48V	
Starting voltage	16V	
Max. input current	2*12A/20A	2*14A/20A
Max. input short-circuit current	25A	
Number of MPPTs	1	
Max. number of input channels	2	
OUTPUT (AC)		
Rated output power	700W	800W
Rated output current	3.18A	3.64A
Output voltage/Range	220V/187V~270V	
Rated frequency	50/60Hz	
Power factor	>0.99 Default	
THD	< 3%	
DC Component	< 0.5%In	
Max. number of microinverter of each branch(10AWG trunk cable)	8	
Max. number of microinverter of each branch(12AWG trunk cable)	6	
EFFICIENCY		
Peak efficiency	96%	
MPPT efficiency	99.9%	
Weighted efficiency	95%	
COMMON PARAMETER		
Environmental temperature	-40°C ~ +65°C	
Size	226*198*36mm	
Weight	2.5kg	
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		