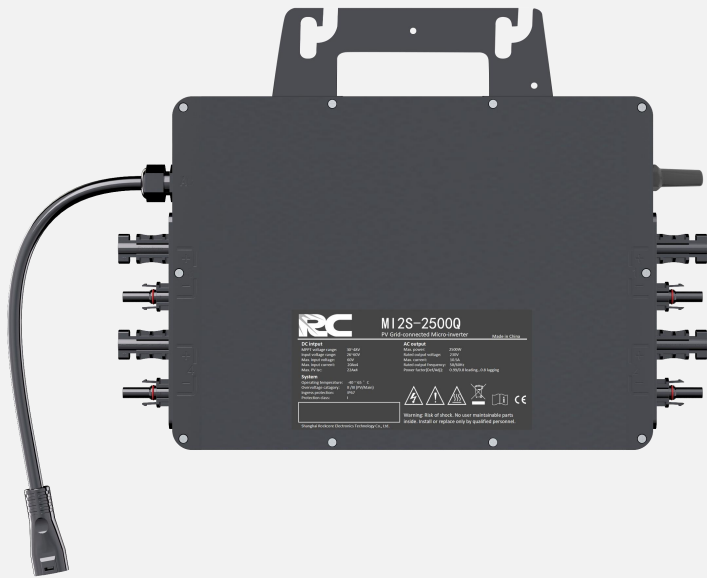




Description

Rockcore micro inverters meet the requirements of reactive power, can maintain the voltage of the grid and ensure the stable operation of the grid.

With the output power up to 2500 VA, Rockcore micro inverter MI2S-2500Q series rank among the highest for 4-in-1 micro inverters.

MI2S-2000Q/2250Q/2500Q

Micro Inverter

FEATURES



Easy operation



WIFI communication



IP67 protection degree
12 Years Standard, Extended
Warranty Optional



Module level monitoring
Adapt up to 750W PV module

Specifications

Model	MI2S-2000Q	MI2S-2250Q	MI2S-2500Q
Input Data (DC)			
Recommended PV Module Power (STC) Range	500-720	500-750	500-750
Peak power MPPT voltage range (V)	30-48		
Operating voltage range (V)	18-60		
Maximum input voltage (V)	60		
Maximum input current (A)	18*4	19*4	20*4
Output Data (AC)			
Maximum output power (VA)	2000	2250	2500
Maximum output current (A)	8.7	10	11
Nominal output voltage/Range (V) ①	230 V/207-253 V		
Adjustable Output Voltage Range (V)	195.5 V-264.5 V		
Nominal frequency/Range (Hz) ①	60/59.3-60.5 Hz, 50/48-51 Hz		
Adjustable Output Frequency Range(Hz)	45 Hz-65 Hz		
Power factor(adjustable)	0.99/0.8 leading...0.8 lagging		
Total harmonic distortion	<5%		
Efficiency			
Peak convert efficiency	>95%		
CEC weighted efficiency	>94%		
Nominal MPPT efficiency	>99.8%		
Night power consumption (mW)	<100		
Mechanical Data			
Ambient temperature range (°C)	-40°C~ + 65°C		
Dimensions (W × H × D [mm])	320*293*48		
Weight (kg)	6.4		
Altitude (m)	2000		
Ingress protection	IP67		
Cooling	Natural Convection		
Features			
Communication	Wi-Fi /802.11b/g/n 2.4GHz		
Isolation Design	High Frequency Transformers, Galvanically Isolated		
Warranty	12 Years Standard; Extended Warranty Optional		
Compliance ②	VDE 0124,VDE 0126,RD 1663,RD1699,EN50549-1, CEI 0-21: 2002, UNE217001/UNE217002/RD647,NB/T 32004		

① Nominal voltage/frequency range can be changed to fulfill power department's regulation.

② Combination for different sale region.

③ All rights of explanation belong to Rockcore.