



### 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 2000 VA, Rockcore micro inverter MI2S-2000Q series rank among the highest for 4-in-1 micro inverters.



### FEATURES



Easy operation



WIFI communication



IP67 protection degree  
12 Years Standard , Extended  
Warranty Optional



Module level monitoring  
Adapt up to 600w PV module

# Specifications

Model	MI2S-1800Q	MI2S-2000Q
<b>Input Data (DC)</b>		
Recommended PV Module Power (STC) Range	450-540	500-600
Peak power MPPT voltage range (V)	30-48	30-48
Operating voltage range (V)	26-60	26-60
Maximum input voltage (V)	60	60
Maximum input current (A)	16×4	18×4
<b>Output Data (AC)</b>		
Maximum continuous output power (VA)	1800	2000
Maximum continuous output current (A)	7.8	8.7
Nominal output voltage/Range (V)①	230V/207-253V	
Adjustable Output Voltage Range(V)	195.5V-264.5V	
Nominal frequency//Range( Hz)①	60/59.3-60.5Hz, 50/48-51Hz	
Adjustable Output Frequency Range(Hz)	45Hz-65Hz	
Power factor(adjustable)	0.99/0.8 leading...0.8 lagging	
Total harmonic distortion	<5%	
<b>Efficiency</b>		
Peak convert efficiency	>95%	
CEC weighted efficiency	>93.5%	
Nominal MPPT efficiency	>99.8%	
Night power consumption (mW)	<100	
<b>Mechanical Data</b>		
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	
<b>Features</b>		
Communication	Wi-Fi /802.11b/g/n 2.4GHz	
Isolation Design	High Frequency Transformers, Galvanically Isolated	
Warranty	12 Years Standard ; Extended Warranty Optional	
Compliance②	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.