



Description

Rockcore microinverters 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 microinverter MI2S-2000Q series rank among the highest for 4-in-1 microinverters.

MI2S-1800Q/2000Q

Microinverter

FEATURES



Easy operation



WIFI communication



IP67 protection degree
10 Years Standard , Extended
Warranty Optional



Module level monitoring
Adapt up to 540w PV module

Specifications

Model	MI2S-1800Q	MI2S-2000Q
Input Data (DC)		
Recommended PV Module Power (STC) Range	450-500	500-540
Peak power MPPT voltage range (V)	30-48	30-48
Operating voltage range (V)	25-60	25-60
Maximum input voltage (V)	60	60
Maximum input current (A)	16	18
Output Data (AC)		
Maximum continuous output power (VA)	1800	2000
Maximum continuous output current (A)	8.2	9.1
Nominal output voltage/Range (V)①	230V/207-253V	
Adjustable Output Voltage Range(V)	187V-265V	
Nominal frequency//Range(Hz)①	60/59.3-60.5Hz(50/48-51Hz)	
Adjustable Output Frequency Range(Hz)	45Hz-65Hz	
Power factor(adjustable)	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)	6.2	
Altitude (m)	2000	
Ingress protection	IP67	
Cooling	Natural Convection	
Features		
Communication	WIFI	
Isolation Design	High Frequency Transformers, Galvanically Isolated	
Warranty	10 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 resale region.