



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 600 VA, Rockcore microinverter MI3S-600S series rank among the highest for 1-in-1 microinverters.

MI3S-400S/500S/600S

Microinverter

FEATURES



Easy operation



WIFI communication



IP67 protection degree
10 Years Standard , Extended
Warranty Optional



Module level monitoring
Adapt up to 680w PV module

Specifications

Model	MI3S-400S	MI3S-500S	MI3S-600S
Input Data (DC)			
Recommended PV Module Power (STC) Range	300-500	400-600	500-680+
Peak power MPPT voltage range (V)	28-45	28-45	28-45
Operating voltage range (V)	26-60	26-60	26-60
Maximum input voltage (V)	60	60	60
Maximum input current (A)	13	16	20
Output Data (AC)			
Maximum continuous output power (VA)	400	500	600
Maximum continuous output current (A)	1.8	2.2	2.6
Nominal output voltage/Range (V)①	230V/184-253V		
Adjustable Output Voltage Range(V)	180V-275V		
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	<3%		
Efficiency			
Peak convert efficiency	>96.8%		
CEC weighted efficiency	>95.8%		
Nominal MPPT efficiency	>99.8%		
Night power consumption (mW)	<10		
Mechanical Data			
Ambient temperature range (°C)	-40~ + 65		
Dimensions (W × H × D [mm])	244*200*32		
Weight (kg)	2.5		
Altitude (m)	2000		
Ingress protection	IP67		
Cooling	Natural Convection		
Features			
Communication	Wi-Fi /802.11b/g/n 2.4GHz		
solution Design	High Frequency Transformers, Galvanically Isolated		
Warranty	10 Years Standard ; Extended Warranty Optional		
Compliance②	VDE 0124,CEI 0-21,VDE 0126,RD 1663,RD1699,EN50549-1, VDE4105,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.