



Description

With the output power up to 450 VA, Rockcore micro inverter MI3S-450S series rank among the highest for 1-in-1 micro inverters.

MI3S-350S/400S/450S

Micro Inverter

FEATURES



Easy operation



WIFI communication



IP67 protection degree
12 Years Standard , Extended
Warranty Optional



Module level monitoring
Adapt up to 530w PV module

Specifications

Model	MI3S-350S	MI3S-400S	MI3S-450S
Input Data (DC)			
Recommended PV Module Power (STC) Range	350-420	400-480	450-530
Peak power MPPT voltage range (V)	27-45	27-45	27-45
Operating voltage range (V)	25-60	25-60	25-60
Maximum input voltage (V)	60	60	60
Maximum input current (A)	14	16	18
Maximum continuous output power (VA)	350	400	450
Maximum continuous output current (A)	1.7	1.9	2.2
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)	0.99/0.8 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)	<30		
Mechanical Data			
Ambient temperature range (°C)	-40~ + 65		
Dimensions (W × H × D [mm])	195*180*33		
Weight (kg)	1.5		
Altitude (m)	2000		
Ingress protection	IP67		
Cooling	Natural Convection		
Features			
Communication	Wi-Fi /802.11b/g/n 2.4GHz		
solation Design	High Frequency Transformers, Galvanically Isolated		
Warranty	12 Years Standard ; Extended Warranty Optional		
Compliance②	VDE 0124,CEI 0-21,VDE 0126,RD 1663,RD1699,EN50549-1,EN50549-10,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 sale region.

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