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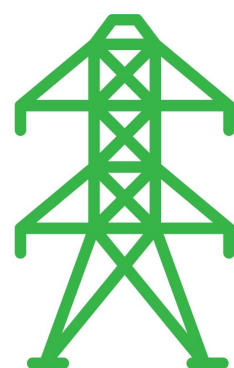
grid-connected inverter

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Easy installation

3

Home solar energy





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Model	MaySun1100	MaySun1200	MaySun1300	MaySun1400	MaySun1500	
Input Data(DC, PV)						
Number of Input MC4 Connector	4 sets					
MPPT Voltage Range	28V-55V					
Operation Voltage Range	20V-60V					
Maximum Input Voltage	60V					
Startup Voltage	20V					
Maximum Input Current	4*9A	4*10A	4*10.8A	4*11.66A	4*12.5A	
Output Data(AC)						
Single-Phase Grid Type	120V / 230V					
Rated Output Power	1080W	1150W	1250W	1350W	1450W	
Maximum Output Power	1100W	1200W	1300W	1400W	1500W	
Nominal Output Current	@120VAC	9A	9.58A	10.41A	11.25A	12.08A
	@230VAC	4.69A	5A	5.43A	5.86A	6.3A
Nominal Output Voltage	120VAC / 230VAC					
Default Output Voltage Range	@120VAC : 80V-160V / @230VAC : 180V-280V					
Nominal Output Frequency	50Hz / 60Hz					
Default Output Frequency Range	@50Hz : 47.5Hz-52.5Hz / @60Hz : 57.5Hz-62.5Hz					
Power Factor	>0.99					
Total Harmonic Distortion	THD <5%					
Efficiency						
Peak Efficiency	95%					
CEC Weighted Efficiency	@120VAC : 92.5% / @230VAC : 93.5%					
Nominal MPPT Efficiency	99.9%					
Night Power Consumption	<700mW					
Mechanical Data						
Operating Ambient Temperature Range	-40°C to +65°C					
Storage Temperature Range	-40°C to +85°C					
Dimensions (W x H x D)	31.5 cm x 29cm x 4cm					
Weight	2.42 kg					
Max Current of AC Bus Cable	40A					
Waterproof Grade	Ip65					
Cooling Mode	Natural Convection - No Fan					
Other Features						
Communication	WiFi With Cloud Monitoring					
Transformer Design	High Frequency Transformers, Galvanically Isolated					
Integrated Ground	Equipment ground is provided by the PE in the AC cable. No additional ground is required.					
Protection Functions	Isolated Island Protection, Voltage Protection, Frequency Protection, Temperature Protection, Current Protection, etc.					
Design Compliance	CE etc.					



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