

PARAMETER TABLE

Model	MaySun300	MaySun350	MaySun400	MaySun450	MaySun500	
Input Data(DC,PV)						
Number of Input MC4 Connector	1 set					
MPPT Voltage Range	28V-55V					
Operation Voltage Range	20V-60V					
Maximum Input Voltage	60V					
Startup Voltage	20V					
Maximum Input Power	300W	350W	400W	450W	500W	
Maximum Input Current	10A	11.66A	13.33A	15.33A	16.66A	
Output Data(AC)						
Single-Phase Grid Type	120V / 230V					
Rated Output Power	295W	330W	380W	430W	480W	
Maximum Output Power	300W	350W	400W	450W	500W	
Nominal Output Current	@120VAC	2.5A	2.75A	3.16A	3.85A	4.16A
	@230VAC	1.3A	1.43A	1.65A	1.80A	2.17A
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)	21.8cm x 20.8cm x 10.1cm					
Weight	0.8kg					
Max Current of AC Bus Cable	20A					
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.					