

## PARAMETER TABLE

Model	MaySun600	MaySun700	MaySun800	MaySun900	MaySun1000	
<b>Input Data(DC,PV)</b>						
Number of Input MC4 Connector	2 sets					
MPPT Voltage Range	28V-55V					
Operation Voltage Range	20V-60V					
Maximum Input Voltage	60V					
Startup Voltage	20V					
Maximum Input Power	2*300W	2*3500W	2*400W	2*450W	2*500W	
Maximum Input Current	2*10A	2*11.66A	2*13.33A	2*15.33A	2*16.66A	
<b>Output Data(AC)</b>						
Single-Phase Grid Type	120V / 230V					
Rated Output Power	580W	650W	760W	850W	950W	
Maximum Output Power	600W	700W	800W	900W	1000W	
Nominal Output Current	@120VAC	4.91A	5.41A	6.33A	7.15A	7.91A
	@230VAC	2.56A	2.82A	3.3A	3.75A	4.13A
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%					
<b>Efficiency</b>						
Peak Efficiency						
CEC Weighted Efficiency	@120VAC : 92.5% / @230VAC : 93.5%					
Nominal MPPT Efficiency	99.9%					
Night Power Consumption	<700mW					
<b>Mechanical Data</b>						
Operating Ambient Temperature Range	-40°C to +65°C					
Storage Temperature Range	-40°C to +85°C					
Dimensions (W x H x D)	25.8cm x 23.8cm x 10.1cm					
Weight	1.5kg					
Max Current of AC Bus Cable	20A					
Waterproof Grade	Ip65					
Cooling Mode	Natural Convection - No Fan					
<b>Other Features</b>						
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.					