

SPF 5000 ES

- Integrated MPPT charge controller
- It can work with battery or without battery
- Maximum PV input voltage up to 450VDC
- Configurable grid or solar input priority
- Optional WIFI/ GPRS remote monitoring
- Parallel for scalability



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Datasheet		SPF 5000 ES	
Battery voltage	48VDC		
INVERTER OUTPUT			
RATED POWER	5000VA/ 5000W		
Parallel Capability	Yes, 6 units		
AC Voltage Regulation (Battery Mode)	230VAC ± 5% @ 50/60Hz		
Surge Power	10000VA		
Efficiency (Peak)	93%		
Waveform	Pure sine wave		
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)		
SOLAR CHARGER			
Maximum PV Array Power	5500W		
MPPT Range @ Operating Voltage	120VDC ~ 430VDC		
Maximum PV Array Open Circuit Voltage	450VDC		
Maximum Solar Charge Current	100A		
Maximum Efficiency	97%		
AC CHARGER			
Charge Current	80A		
AC Input Voltage	230 VAC		
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)		
Frequency Range	50Hz/60Hz (Auto sensing)		
PHYSICAL			
Dimension (D/W/H) in mm	485/330/135		
Net Weight (kgs)	12		
OPERATING ENVIRONMENT			
Humidity	5% to 95% Relative Humidity(Non-condensing)		
Operating Temperature	0°C - 55°C		
Storage Temperature	-15°C - 60°C		



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