

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



P O W E R
- I N G
T O M O R R O W



Datasheet		SPF 5000 ES
Battery voltage	48VDC	
INVERTER OUTPUT		
RATED POWER	5000VA/ 5000W	
Parallel Capability	Yes, 6 units	
AC Voltage Regulation (Battery Mode)	230VAC \pm 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	