

# SPF 3000~5000TL HVM-WPV

- Integrated MPPT charge controller
- Configurable grid or solar input priority
- Optional WIFI/ GPRS remote monitoring
- Parallel for scalability



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Datasheet	SPF 3000TL HVM-WPV	SPF 5000TL HVM-WPV
Battery voltage	24VDC	48VDC

### INVERTER OUTPUT

RATED POWER	3000VA/ 3000W	5000VA/ 5000W
Parallel Capability	Yes, 6 units	
AC Voltage Regulation (Battery Mode)	230VAC $\pm$ 5% @ 50/60Hz	
Surge Power	6000VA	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	3500W	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