

# SPF 5000TL HVM-WPV/WPV-P

- Integrated MPPT charge controller
- 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



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Datasheet		SPF 5000TL HVM-WPV/WPV-P	
Battery Voltage		48VDC	
Battery Type		Lithium/Lead-acid	
<b>INVERTER OUTPUT</b>			
Rated Power		5000VA/ 5000W	
Parallel Capability		No/ Yes, 6 units maximum	
AC Voltage Regulation (Battery Mode)		230VAC $\pm$ 5% @ 50/60Hz	
Surge Power		10000VA	
Efficiency (Peak)		93%	
Waveform		Pure sine wave	
Transfer Time		10ms typical, 20ms Max	
<b>SOLAR CHARGER</b>			
Max. Recommended PV Power		6000W	
MPPT Range @ Operating Voltage		120VDC ~ 430VDC	
Maximum PV Array Open Circuit Voltage		450VDC	
Number of Independent MPP Trackers/ Strings Per MPP Tracker		1/1	
Maximum Solar Charge Current		100A	
Maximum Efficiency		97%	
<b>AC CHARGER</b>			
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)	
<b>PHYSICAL</b>			
Protection Degree		IP20	
Dimension (W/H/D)		330/485/135mm	
Net Weight (kgs)		12	
<b>OPERATING ENVIRONMENT</b>			
Humidity		5% to 95% Relative Humidity(Non-condensing)	
Altitude		<2000m	
Operating Temperature		0°C - 55°C	
Storage Temperature		-15°C - 60°C	