

SPF 5000TL HVM-WPV/WPV-P

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



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Datasheet		SPF 5000TL HVM-WPV/WPV-P	
Battery Voltage	48VDC		
Battery Type	Lithium/Lead-acid		
INVERTER OUTPUT			
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		
SOLAR CHARGER			
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%		
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			
Protection Degree	IP20		
Dimension (W/H/D)	330/485/135mm		
Net Weight (kgs)	12		
OPERATING ENVIRONMENT			
Humidity	5% to 95% Relative Humidity(Non-condensing)		
Altitude	<2000m		
Operating Temperature	0°C - 55°C		
Storage Temperature	-15°C - 60°C		