

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