



FISA TEHNICA

**INVERTOR HIBRID
GROWATT SPF 3000 -
5000TL HVM-WPV / WPV-P**



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
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R R O W



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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	



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