

Growatt SPF 3000-5000 TL HVM-WPV

- Integrated MPPT charge controller
- It can work with Battery or without battery
- Maximum PV input voltage up to 500VDC
- 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 ± 5% @ 50/60Hz	
Surge Power	6000VA	10000VA
Efficiency (Peak)	93%	
Waveform	Pure sine wave	
Transfer Time	10ms(For personal computers) ; 20ms(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	170-280VAC(For personal computers) ; 90-280VAC(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	