

SPF 3000T HVM-G2

- Industry-leading efficiency up to 95%
- Extended surge rating suitable for motor loads
- Wide PV input voltage range up to 250Vdc
- Parallel for high scalability
- Load segment control to maximize battery runtime for critical devices
- Warranty extend to 5 years



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Datasheet	SPF 3000T HVM-G2
Battery Voltage	48VDC
Battery Type	Lithium/Lead-acid
INVERTER OUTPUT	
Rated Power	3000VA/ 3000W
Parallel Capability	Yes, 6 units maximum
AC Voltage Regulation (Battery Mode)	230VAC \pm 5% @ 50/60Hz
Surge Power	9000VA
Efficiency (Peak)	95%
Waveform	Pure sine wave
Transfer Time	10ms
SOLAR CHARGER	
Maximum PV Array Power	4500W
MPPT Range @ Operating Voltage	60VDC ~ 200VDC
Number of Independent MPP Trackers/ Strings Per MPP Tracker	1/1
Maximum PV Array Open Circuit Voltage	250VDC
Maximum Solar Charge Current	80A
Maximum Efficiency	97%
AC CHARGER	
Charge Current	40A
AC Input Voltage	230 VAC
Selectable Voltage Range	184-272 VAC (For Personal Computers) ; 154-272 VAC (For Home Appliances)
Frequency Range	50Hz/60Hz (Auto sensing)
PHYSICAL	
Protection Degree	IP20
Dimension (D/W/H)	225/300/550mm
Net Weight (kgs)	27
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-20°C - 50°C
Storage Temperature	-40°C - 60°C