

SPF 3000~6000T HVM-G2

- Industry-leading efficiency up to 94%
- 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	SPF 6000T HVM-G2
Battery voltage	48VDC	
Battery type	Lithium/Lead-acid	
Inverter output		
Rated power	3KW	6KW
Surge rating	9KW	18KW
Parallel capability	Yes, 6 units maximum (Available in single and three phase system)	
Waveform	Pure sine wave/ same as input (bypass mode)	
Nominal output voltage rms	208-220-230-240VAC (Optional)	
Output frequency	50Hz/60Hz +/-0.5 Hz	
Inverter efficiency(Peak)	94%	93.5%
Transfer time	10ms	
Solar charger		
Maximum PV charge current	80A	120A
Max. recommended PV power	4500W	7000W
Number of independent MPP trackers/ strings per MPP tracker	1/1	2/1
MPPT range @ operating voltage (VDC)	60~200VDC	
Maximum PV Array open circuit voltage	250V	
Maximum efficiency	97%	
AC Input		
Max. AC input current	30A	50A
Voltage	230VAC	
Selectable voltage range	184~272VAC(UPS);154~272VAC(APL)	
Frequency range	50Hz/60Hz (Auto sensing)	
Max. charging current	40A	60A
Physical		
Protection degree	IP20	
Dimensions (W/H/D)	300/550/225mm	365/650/247mm
Net weight	27kg	38.5kg
Operating environment		
Altitude	<2000	
Operation temperature range	-20°C to 50°C	
CE		

* All specifications are subject to change without notice