

# 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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**GROWATT**

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Datasheet	SPF 3000T HVM-G2	SPF 6000T HVM-G2
Battery Voltage	48VDC	
Battery Type	Lithium/Lead-acid	
<b>Inverter Output</b>		
Rated Power	3KW	6KW
Surge Rating	9KW	18KW
Parallel Capability	Yes, 6 units maximum	
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	
<b>Solar Charger</b>		
Maximum PV Charge Current	80A	
Max. Recommended PV Power	4500W	
Number of independent MPP trackers/ strings per MPP tracker	1/1	
MPPT Range @ Operating Voltage(VDC)	60~200VDC	
Maximum PV Array Open Circuit Voltage	250V	
Maximum Efficiency	97%	
<b>AC Input</b>		
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
<b>Physical</b>		
Protection Degree	IP20	
Dimensions (W/H/D)	300/550/225mm	365/650/247mm
Net Weight	27kg	38.5kg
<b>Operating Environment</b>		
Altitude	<2000W	
Operation Temperature Range	-20°C to 50°C	
CE		

\* All specifications are subject to change without notice