

# SPF 4000~18000T DVM-MPV

- low frequency Support 120/240Vac Split Phase output
- Integrated MPPT charge controller
- Optional WIFI/ GPRS remote monitoring
- Built-in pure copper low frequency transformer
- Configurable grid or solar input priority



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P O W E R  
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T O M O -  
R R O W O

Datasheet	SPF 4000T DVM-MPV	SPF 5000T DVM-MPV	SPF 6000T DVM-MPV	SPF 8000T DVM-MPV	SPF 10000T DVM-MPV	SPF 12000T DVM-MPV	SPF 18000T DVM-MPV
Battery Voltage	48VDC						
Battery Type	Lithium/Lead-acid						
<b>INVERTER OUTPUT</b>							
Rated Power	4KW	5KW	6KW	8KW	10KW	12KW	18KW
Surge Rating	12KW	15KW	18KW	24KW	30KW	36KW	54KW
Waveform	Pure sine wave/ same as input (bypass mode)						
Nominal Output Voltage RMS	104-110-115-120/208-220-230-240VAC(optional)						
Output Frequency	50Hz/60Hz +/-0.3 Hz						
Inverter Efficiency(Peak)	>85%						
Transfer Time	10ms(max)						
<b>SOLAR CHARGER</b>							
Maximum PV Charge Current	80A			120A			240A
Maximum PV Array Power	5000W			7000W			1400W
Number of independent MPP trackers/strings per MPP tracker	1/1			2/1			
MPPT Range @ Operating Voltage(VDC)	60~245VDC						
Maximum PV Array Open Circuit Voltage	250VDC						
Maximum Efficiency	>97.5%						
<b>AC INPUT</b>							
Voltage	240VAC						
Selectable Voltage Range	184~272VAC(UPS); 154~272VAC(APL)						
Frequency Range	50Hz/60Hz (Auto sensing)						
Max. Charging Current	40A	50A	60A	70A	80A	100A	100A
<b>MECHANICAL SPECIFICATIONS</b>							
Protection Degree	IP20						
Dimensions (W/H/D)	360/540/218mm	360/540/218mm	360/540/218mm	380/650/225mm	380/650/225mm	380/650/225mm	420/780/250mm
Weight	42kg	47kg	52kg	64kg	66kg	75kg	105kg
<b>OPERATING ENVIRONMENT</b>							
Operation Temperature Range	0°C to 45°C						