

SPF 6000/12000T DVM-MPV

- Low frequency inverter 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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Datasheet	SPF 6000T DVM-MPV		SPF 12000T DVM-MPV	
Battery Voltage	48VDC			
Battery Type	Lithium/Lead-acid			
INVERTER OUTPUT				
Rated Power	6KW		12KW	
Surge Rating	18KW		36KW	
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 +/-0.5 Hz			
Inverter Efficiency(Peak)	88%			
Transfer Time	10ms			
SOLAR CHARGER				
Maximum PV Charge Current	80A		120A	
Maximum PV Array Power	5000W		7000W	
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	250V			
Maximum Efficiency	97%			
AC INPUT				
Voltage	240VAC			
Selectable Voltage Range	184~272VAC(UPS);154~272VAC(APL)			
Frequency Range	50Hz/60Hz (Auto sensing)			
Max. Charging Current	60A		100A	
MECHANICAL SPECIFICATIONS				
Protection Degree	IP20			
Dimensions (W/H/D)	360/540/218mm		380/650/225mm	
Weight	52kg		75kg	
OPERATING ENVIRONMENT				
Altitude	0°C to 50°C			
Operation Temperature Range	<2000W			