

SPF 4000~18000T DVM-MPV

- 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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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			
Inverter output							
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)				
Solar charger							
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%				
AC input							
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
Mechanical specifications							
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
Operating environment							
Operation temperature range			0°C to 45°C				