

# Growatt SPF 4000T~12000T DVM

- Low frequency inverter 120/240Vac Split Phase output
- Built-in MPPT solar charge controller
- WIFI/GPRS remote monitoring
- Built-in pure copper low frequency transformer
- Smart function and parameter setting via LCD button



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Datasheet	SPF 4000T DVM	SPF 5000T DVM	SPF 6000T DVM	SPF 8000T DVM	SPF 10000T DVM	SPF 12000T DVM
Battery Voltage	48VDC					
Battery Type	Lithium/Lead-acid					
<b>INVERTER OUTPUT</b>						
Rated Power	4KW	5KW	6KW	8KW	10KW	12KW
Surge Rating	12KW	15KW	18KW	24KW	30KW	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 +/-0.3 Hz					
Inverter Efficiency(Peak)	>85%					
Transfer Time	10ms(max)					
<b>SOLAR CHARGER</b>						
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)	60~145VDC			60~145VDC		
Maximum PV Array Open Circuit Voltage	150VDC			150VDC		
Maximum Efficiency	>98%			>98%		
<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
<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
Weight	42kg	47kg	52kg	64kg	66kg	75kg
<b>OPERATING ENVIRONMENT</b>						
Operation Temperature Range	0°C to 45°C					