

Growatt SPF 4000T~6000T 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
Battery voltage	48VDC	48VDC	48VDC

INVERTER OUTPUT

Rated Power	4KW	5KW	6KW
Capable of Starting Electric Motor	4HP	5HP	6HP
Waveform	Pure sine wave/ same as input (bypass mode)	Pure sine wave/ same as input (bypass mode)	Pure sine wave/ same as input (bypass mode)
Nominal Output Voltage RMS	120V/240VAC(+/-10% RMS)	120V/240VAC(+/-10% RMS)	120V/240VAC(+/-10% RMS)
Output Frequency	50Hz/60Hz +/-0.3 Hz	50Hz/60Hz +/-0.3 Hz	50Hz/60Hz +/-0.3 Hz
Inverter Efficiency(Peak)	>85%	>85%	>85%
Transfer Time	10ms(max)	10ms(max)	10ms(max)

SOLAR CHARGER

Maximum PV Charge Current	80A	80A	80A
Maximum PV Array Power	5000W	5000W	5000W
MPPT Range @ Operating Voltage(VDC)	60~140VDC	60~140VDC	60~140VDC
Maximum PV Array Open Circuit Voltage	150VDC	150VDC	150VDC
Maximum Efficiency	>98%	>98%	>98%
Power Consumption	<150W	<150W	<150W

AC INPUT

Voltage	230VAC	230VAC	230VAC
Selectable Voltage Range	184~272VAC(UPS);154~272VAC(APL)	184~272VAC(UPS);154~272VAC(APL)	184~272VAC(UPS);154~272VAC(APL)
Frequency Range	50Hz/60Hz (Auto sensing)	50Hz/60Hz (Auto sensing)	50Hz/60Hz (Auto sensing)

AC CHARGER

Max. Charging Current	40A	50A	60A
Overcharge Protection S.D.	62V	62V	62V

MECHANICAL SPECIFICATIONS

Dimensions (W*H*D)	440*218*540mm	440*218*540mm	440*218*540mm
Weight (kg)	42	47	52

OPERATING ENVIRONMENT

Operation Temperature Range	0°C to 40°C	0°C to 40°C	0°C to 40°C
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