

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
-----------------------------	-------------	-------------	-------------