

Datasheet	SPF 8000T HVM	SPF 10000T HVM	SPF 12000T HVM
Battery voltage	48VDC	48VDC	48VDC
INVERTER OUTPUT			
Rated Power	8KW	10KW	12KW
Surge Rating (20ms)	24KW	30KW	36KW
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	220V/230V/240VAC(+/-10% RMS)	220V/230V/240VAC(+/-10% RMS)	220V/230V/240VAC(+/-10% RMS)
Output Frequency	50Hz/60Hz +/-0.3 Hz	50Hz/60Hz +/-0.3 Hz	50Hz/60Hz +/-0.3 Hz
Inverter Efficiency(Peak)	>88%	>88%	>88%
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)	60~145VDC	60~145VDC	60~145VDC
Maximum PV Array Open Circuit Voltage	150VDC	150VDC	150VDC
Maximum Efficiency	>98%	>98%	>98%
Standby Power Consumption	<2W	<2W	<2W
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	70A	80A	100A
Overcharge Protection S.D.	62V	62V	62V
MECHANICAL SPECIFICATIONS			
Dimensions (W*H*D)	650*460*255mm	650*460*255mm	650*460*255mm
Net Weight (Solar CHG) kg	70	76	76
OPERATING ENVIRONMENT			
Operation Temperature Range	0°C to 40°C	0°C to 40°C	0°C to 40°C