

SPF 5000TL HVM-WPV

High frequency,
wide PV input voltage, 230Vac output

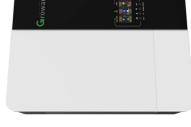


Datasheet		SPF 5000TL HVM-WPV/WPV-P
Battery Voltage		48VDC
Battery Type		Lithium/Lead-acid
INVERTER OUTPUT		
Rated Power		5000VA/5000W
Parallel Capability		No/Yes, 6 units maximum
AC Voltage Regulation (Battery Mode)		230VAC ± 5% @ 50/60Hz
Surge Power		10000VA
Efficiency (Peak)		93%
Waveform		Pure sine wave
Transfer Time		10ms Typical, 20ms Max
SOLAR CHARGER		
Max. Recommended PV Power		6000W
MPP Range @ Operating Voltage		120VDC ~ 430VDC
Maximum PV Array Open Circuit Voltage		450VDC
Number of Independent MPP Trackers/Strings Per MPPT Tracker		1/1
Maximum Solar Charge Current		100A
AC CHARGER		
Charge Current		80A
AC Input Voltage		230 VAC
Selectable Voltage Range		170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)
Frequency Range		50Hz/60Hz (Auto sensing)
PHYSICAL		
Protection Degree		IP20
Dimension (W/H/D)		330/485/135mm
Net Weight (lbs)		12
OPERATING ENVIRONMENT		
Humidity		5% to 95% Relative Humidity(Non-condensing)
Altitude		<2000m
Operating Temperature		0°C - 55°C
Storage Temperature		-15°C - 60°C

* All specifications are subject to change without notice

SPF 3500~5000 ES

High frequency,
wide PV input voltage, 230Vac output



Datasheet		SPF 3500 ES	SPF 5000 ES
Battery Voltage		48VDC	
Battery Type		Lithium/Lead-acid	
INVERTER OUTPUT			
Rated Power		3500VA/3500W	5000VA/5000W
Parallel Capability			Yes, 6 units maximum
AC Voltage Regulation (Battery Mode)			230VAC ± 5% @ 50/60Hz
Surge Power		7000VA	10000VA
Efficiency (Peak)			93%
Waveform			Pure sine wave
Transfer Time			10ms Typical, 20ms Max
SOLAR CHARGER			
Maximum PV Array Power		4500W	6000W
MPP Range @ Operating Voltage			120VDC ~ 430VDC
Number of Independent MPP Trackers/Strings Per MPPT Tracker			1/1
Maximum PV Array Open Circuit Voltage			450VDC
Maximum Solar Charge Current		80A	100A
AC CHARGER			
Charge Current		60A	80A
AC Input Voltage			230 VAC
Selectable Voltage Range			170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)
Frequency Range			50Hz/60Hz (Auto sensing)
PHYSICAL			
Protection Degree			IP20
Dimension (W/H/D)			330/485/135mm
Net Weight		11.5kgs	12kgs
OPERATING ENVIRONMENT			
Humidity			5% to 95% Relative Humidity(Non-condensing)
Altitude			<2000m
Operating Temperature			0°C - 55°C
Storage Temperature			-15°C - 60°C

* All specifications are subject to change without notice