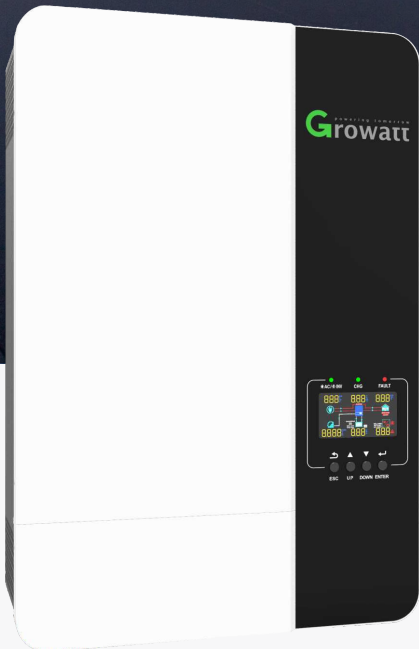


SPF 3000TL LVM-ES

- Integrated MPPT charge controller.
- Equalization charging function.
- Work with battery or without battery.
- Maximum PV input voltage up to 300VDC.
- Configurable grid or solar input priority.
- Optional WIFI/ GPRS remote monitoring.
- Support parallel operation for capacity expansion up to 18kW.
- PV and Grid power the load jointly if PV energy insufficient.
- Flexibly schedule the Inverter charging and discharging time.



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Datasheet		SPF 3000TL LVM-ES	
Battery Voltage		48VDC	
Battery Type		Lithium/Lead-acid	
INVERTER OUTPUT			
Rated Power		3000VA/ 3000W	
Parallel Capability		Yes, 6 units maximum	
AC Voltage Regulation (Battery Mode)		100Vac/110Vac/120Vac @ 50/60Hz	
Surge Power		6000VA	
Efficiency (Peak)		93%	
Waveform		Pure sine wave	
Transfer Time		10ms typical, 20ms Max	
SOLAR CHARGER			
Maximum PV Array Power		4000W	
MPPT Range @ Operating Voltage		120VDC ~ 250VDC	
Number of Independent MPP Trackers/ Strings Per MPP Tracker		1/1	
Maximum PV Array Open Circuit Voltage		300VDC	
Maximum Solar Charge Current		80A	
Maximum Efficiency		97%	
AC CHARGER			
Charge Current		40A	
AC Input Voltage		120VAC	
Selectable Voltage Range		95-140VAC (For Personal Computers) ; 65-140VAC (For Home Appliances)	
Frequency Range		50Hz/60Hz (Auto sensing)	
PHYSICAL			
Protection Degree		IP20	
Dimension (W/H/D)		320/470/135mm	
Net Weight (kgs)		12	
OPERATING ENVIRONMENT			
Humidity		5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature		0°C - 50°C	
Storage Temperature		-15°C - 60°C	

Split-phase parallel application

