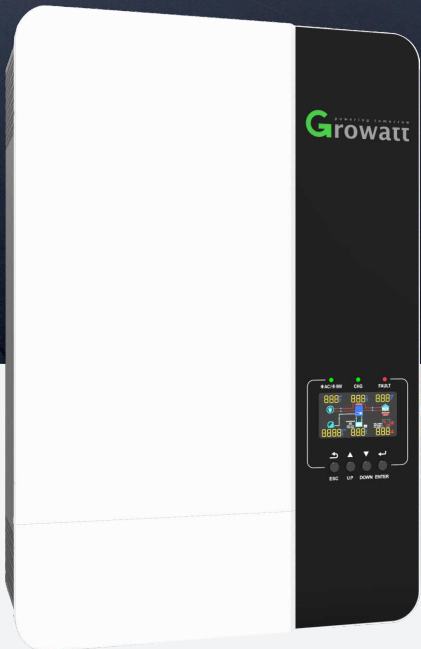


# SPF 3000TL LVM-ES

- 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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P O W E R  
- I N G  
T O M O -  
R R O W

Datasheet	SPF 3000TL LVM-ES
Battery Voltage	48VDC
Battery Type	Lithium/Lead-acid
<b>INVERTER OUTPUT</b>	
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
<b>SOLAR CHARGER</b>	
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%
<b>AC CHARGER</b>	
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)
<b>PHYSICAL</b>	
Protection Degree	IP20
Dimension (W/H/D)	320/470/135mm
Net Weight (kgs)	12
<b>OPERATING ENVIRONMENT</b>	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	0°C - 50°C
Storage Temperature	-15°C - 60°C

## Split-phase parallel application

