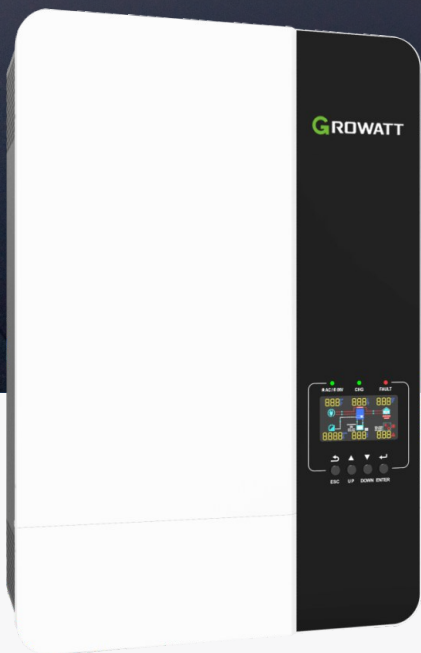


# SPF 3000TL LVM-ES

- Integrated MPPT charge controller.
- Equalization charging function.
- Work with or without battery
- PV input voltage up to 250VDC.
- 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 is 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)	90%
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	250VDC
Maximum Solar Charge Current	80A
<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>Protection</b>	
DC over/under voltage	Yes
PV over/under voltage	Yes
AC over/under voltage	Yes
BUS over/under voltage	Yes
<b>Physical</b>	
Protection Degree	IP20
Dimension (W/H/D)	320/470/135mm
Net Weight	12kg
<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

