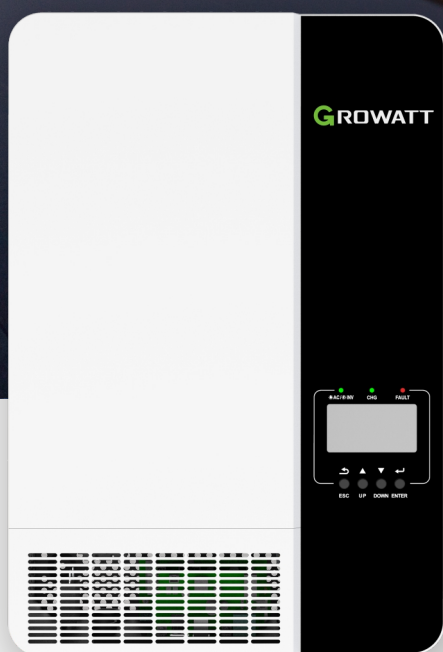


SPF 3000~3500TL LVM-US

- Integrated MPPT charge controller.
- Equalization charging function.
- Work with or without battery
- PV input voltage up to 280VDC.
- Generator connection available
- Configurable grid or solar input priority.
- Optional WIFI/GPRS remote monitoring
- Support parallel operation for capacity expansion up to 21kW.
- PV and grid power the load jointly if PV energy is insufficient.
- Flexibly schedule the Inverter charging and discharging time.



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GROWATT

<https://us.growatt.com>

Datasheet	SPF 3000TL LVM-US	SPF 3500TL LVM-US
Battery voltage	48VDC	
Battery type	Lithium/Lead-acid	
Inverter output		
Rated power	3000VA/3000W	3500VA/3500W
Parallel capability	Yes, 6 units maximum	
AC voltage regulation (battery mode)	100Vac/110Vac/120Vac @ 50/60Hz	
Surge power	6000VA	7000VA
Efficiency (peak)	90%	
Waveform	Pure sine wave	
Transfer time	10ms typical, 20ms Max	
Solar charger		
Maximum PV array power	4000W	4500W
Startup voltage	150V	
MPPT range @ operating voltage	120~225VDC (Startup Voltage 150±10VDC)	
Number of independent MPP trackers/ strings per MPP tracker	1/1	
Maximum PV array open circuit voltage	280VDC	
Maximum solar charge current	80A	
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	IP 20/NEMA Type1	
Dimension (W/H/D)	330/485/135mm(13/19.1/5.3in)	
Net weight	12kg(26.5lb)	
Operating environment		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating temperature	0°C - 50°C(32°F- 122°F)	
Storage temperature	-15°C - 60°C(5°F - 140°F)	
Warranty	2 Years	
UL 1741		

Split-phase parallel application

