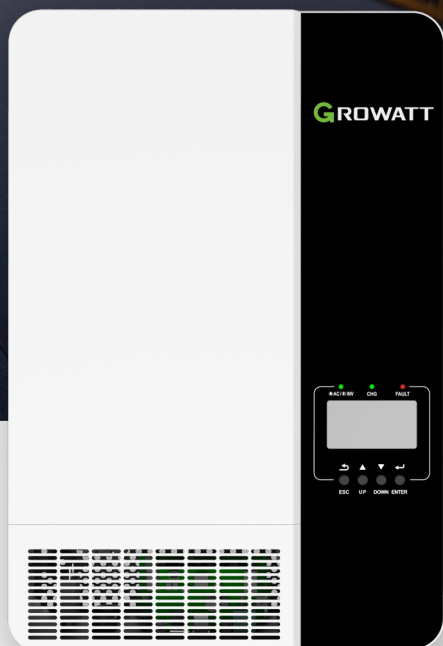


SPF 3500~5000 US

- Integrated MPPT charge controller.
- Equalization charging function.
- PV input voltage up to 450VDC.
- Generator connection available
- Configurable grid or solar input priority.
- Optional WIFI/GPRS remote monitoring
- Support parallel operation for capacity expansion up to 30kW.
- PV and grid power the load jointly if PV energy is insufficient.
- Flexibly schedule the Inverter charging and discharging time.



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Datasheet	SPF 3500 US	SPF 5000 US
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
Startup voltage	150V	
MPPT range @ operating voltage	120VDC ~ 430VDC	
Number of Independent MPP Trackers/ Strings Per MPP 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/NEMA Type 1	
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)	
Altitude	<2000m(6561.6ft)	
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		