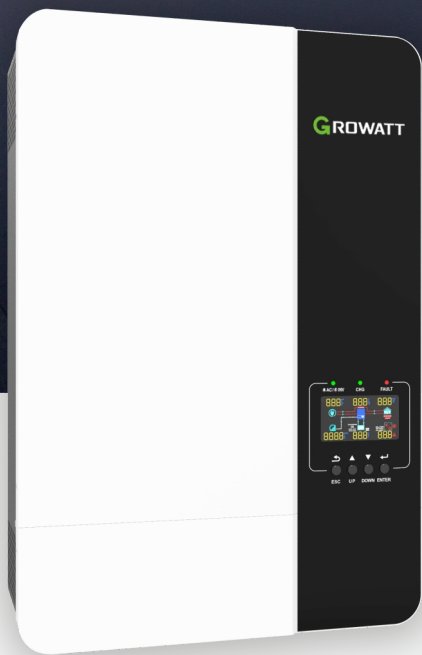


SPF 3000~5000 ES

- Integrated MPPT charge controller.
- Equalization charging function.
- Work with or without battery
- PV input voltage up to 450VDC.
- 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.



P O W E R
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Datasheet	SPF 3000 ES	SPF 3500 ES	SPF 5000 ES
Battery voltage	48VDC		
Battery type	Lithium/Lead-acid		
Inverter Output			
Rated power	3000VA/ 3000W	3500VA/ 3500W	5000VA/ 5000W
Parallel capability	NO	Yes, 6 units maximum	
AC voltage regulation (battery mode)	230VAC \pm 5% @ 50/60Hz		
Surge power	60000VA	7000VA	10000VA
Efficiency (Peak)	93%		
Waveform	Pure sine wave		
Transfer time	10ms typical, 20ms Max		
Solar Charger			
Maximum PV array power	4000W	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	60A	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		
Dimension (W/H/D)	330/485/135mm		
Net weight	11.5kg	11.5kg	12kg
Operating Environment			
Humidity	5% to 95% Relative Humidity(Non-condensing)		
Altitude	<2000m		
Operating temperature	0°C - 55°C		
Storage temperature	-15°C - 60°C		