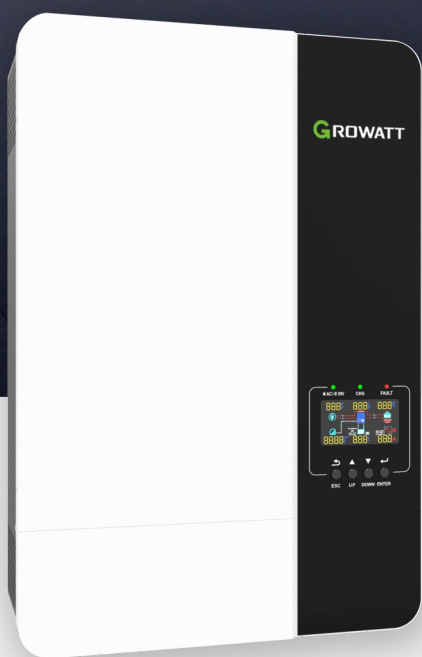


SPF 5000 ES Lite

- Integrated MPPT charge controller.
- Equalization charging function.
- Work with or without battery
- PV input voltage up to 500VDC.
- Configurable grid or solar input priority.
- Optional WIFI/GPRS remote monitoring
- Support parallel operation for capacity expansion up to 45kW.
- 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 5000 ES Lite
Battery voltage	48VDC
Battery type	Lithium/Lead-acid
Inverter output	
Rated power	5000VA/ 5000W
Parallel capability	Yes, 9 units maximum
AC voltage regulation (Battery mode)	230VAC $\pm$ 5% @ 50/60Hz
Surge power	10000VA
Efficiency (Peak)	93%
Waveform	Pure sine wave
Transfer time	10ms typical, 20ms Max
Solar charger	
Maximum PV array power	6000W
MPPT Range@operating voltage	120VDC ~ 450VDC
Number of Independent MPP trackers/ strings per MPP tracker	1/1
Max. input current per MPP tracker	22A
Maximum PV array open circuit voltage	500VDC
Maximum solar charge current	100A
AC charger	
Charge current	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)	280/125/435mm
Net weight	9.8kg
Operating environment	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Altitude	<2000m
Operating temperature	-10°C - 55°C
Storage temperature	-15°C - 60°C