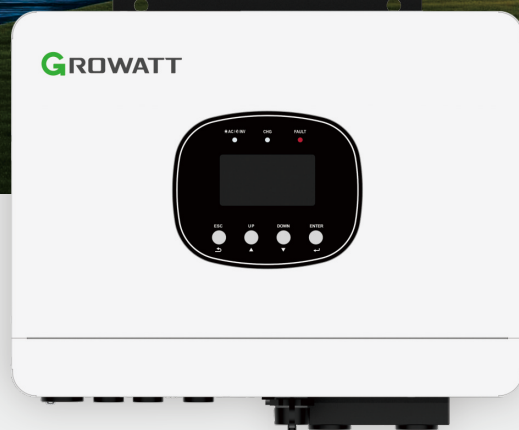


SPF 6000 ES Lite/Pro

- Maximum PV input voltage up to 500VDC
- Configurable grid or solar input priority
- Dust-proof filter for harsh environment
- Two AC outputs to enable smart load function



P O W E R
- I N G
T O M O R R O W

Datasheet	SPF 6000 ES Lite	SPF 6000 ES Pro
Battery voltage	48VDC	
Battery type	Lithium/Lead-acid	
Inverter output		
Rated power	6000VA/6000W	
Parallel capability	Not support	9 units
AC voltage regulation (battery mode)	230VAC ± 5% @ 50/60Hz	
Surge power	12000VA	
Efficiency (peak)	93%	
Waveform	Pure sine wave	
Transfer time	10ms typical, 20ms Max	
Solar charger		
Maximum PV array power	8000W	
MPPT range @ operating voltage	75VDC ~ 450VDC	
Maximum of PV strings input*	2	
Maximum input current	36A	
Maximum PV array open circuit voltage	500VDC	
Maximum solar charge current	100A	
Start-up PV Voltage	120VDC±10VDC	
AC charger		
Charge current	80A	
AC input voltage	230VAC	
Selectable voltage range	170~280VAC (For personal computers) ; 90~280VAC(For home appliances)	
Frequency range	50Hz/60Hz (Auto sensing)	
Physical		
Protection degree	IP20	
Dimension (W/H/D)	365/275/120mm	
Net weight	8.5kg	
Operating environment		
Humidity	5% to 95% Relative humidity (Non-condensing)	
Altitude	<2000m	
Operating temperature	0°C - 55°C	
Storage temperature	-15°C - 60°C	
Warranty	2 years	5 years
CE		

* Supports connecting TWO strings to the PV terminal by tubular terminal.