SPF 6000 ES Plus

- Plug-and-Play terminal for PV port
- Dual MPP trackers
- Maximun PV input voltage up to 500VDC
- Configurable grid or solar input priority
- Parallel for scalability
- Dust-proof filter for harsh environment
- Two AC input terminals with integrated transfer switch



POWER-ING TOMO-RROW

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Datasheet	SPF 6000 ES Plus
Battery voltage	48VDC
Battery type	Lithium/Lead-acid
Inverter output	
Rated power	6000VA/6000W
Parallel capability	Yes, 6 units maximum
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	120VDC ~ 450VDC
Number of independent MPP trackers/ strings per MPP tracker	2/1
Max. input current per MPP tracker	16A
Maximum PV array open circuit voltage	500VDC
Maximum solar charge current	100A
AC charger	
Charge current	80A
AC input voltage	230VAC
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)	460/395/132mm
Net weight	13.5kg
Operating environment	
Humidity	5% to 95% Relative humidity(Non-condensing)
Altitude	<2000m
Operating temperature	0℃ - 55℃
Storage temperature	-15℃ - 60℃

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