

# SPE 15KTL3 HVM

## Hybrid solar inverter

- Two AC input terminals with integrated transfer switch
- Support WiFi/4G remote monitoring
- Featuring grid-tied function for peak shaving
- Support parallel operation for capacity expansion up to 90kW.
- Dual outputs for smart load management
- Settable charging current & charging time for generator and grid



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preliminary

## Datasheet

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### Input data (DC)

Max. recommended PV power (for module STC)	18000W
Start voltage	160±5V
MPP voltage range	200V-850V
No. of MPP trackers	2
No. of PV strings per MPP tracker	2
Max. input current per MPP tracker	25A+25A
Max. DC voltage	1000V
Max. short-circuit current per MPP trackers	32A

### Output data (AC)

AC nominal power	15000W
Max. AC apparent power	15000VA
Output current	21.7A(per phase)
Nominal AC voltage	230V(P-N)/400V(P-P)
AC grid frequency	50/60Hz
Adjustable power factor	0.8leading...0.8lagging
THDi	< 5%

### Battery data (DC)

Nominal DC voltage	48V
Battery voltage range	40~60V
Max charging and discharging current	300A/300A
Battery overcharge protection	60V

### Backup power (AC)

AC nominal output power	15000W
Nominal AC output voltage	230V(P-N)/400V(P-P)
Nominal AC output frequency	50/60Hz
Switch time	10ms typical, RCD 20ms Max@ Single <30ms @ Parallel

### Efficiency

Peak. efficiency	96%
European efficiency	95%

### General data

Dimensions (W / H / D)	600/500/150mm
Weight	25.5kg
Operating temperature range	-20°C ... +50°C
Topology	Tranformerless
Cooling	DC fan
Protection degree	IP20
Relative humidity	5%~95% non-considering
Altitude	< 2000m
Communication	WiFi/4G