Inverter series



SAL 6.5K-US

Residential Split-Phase Power System

1. **Pure Sine Wave**
   Clean AC output for residential loads.
2. **Split-Phase Output**
   120 / 240 VAC residential power.
3. **Dual MPPT**
   Two PV trackers for flexible array design.
4. **Parallel Expansion**
   Supports up to 6 units in parallel.
5. **Fast Transfer**
   10 ms typical / 20 ms maximum.
6. **Flexible Monitoring**
   WiFi / GPRS optional.

Parameters

Items	SAL 6.5K-US
Rated output	6,500 W
Surge power	13,000 VA
AC output	120 / 240 VAC +/-5%, 50/60 Hz
Waveform	Pure sine wave
Peak efficiency	93%
Transfer time	10 ms typical / 20 ms maximum
Battery voltage	48 VDC
Battery type	Lithium / Lead-Acid
Maximum PV input	2 x 6,300 W
MPPT operating range	120-450 VDC
Maximum PV current	2 x 18 A
MPPT trackers / strings	2 / 2
Maximum solar charge	140 A
Parallel operation	Up to 6 units
Product dimensions	639 x 445 x 131 mm
Net weight	19.0 kg
Package dimensions	802 x 567 x 240 mm

Specifications are based on the supplied product document.
Final configuration is subject to confirmation in the sales contract.