



SVE 16 LITE

51.2V-314Ah

05

year warranty

32

Units Parallel

8000

Cycles

PRODUCT ADVANTAGES

- Grade-A LiFePO4 cells – safe, stable, high energy density, long lifespan.
- 200A smart BMS – full protection against overcharge, overdischarge, over/under voltage, overcurrent, short circuit, over-temperature.
- Real-time monitoring – LCD & Wi-Fi, view parameters, status, choose protocols directly.
- Easy installation – up to 32 units in parallel, compatible with various inverters.
- Robust Enclosure Protection: IP30 standard





Basic Specifications

Module Name	SVE 16 LITE
Cell Type	LFP
Nominal voltage	51.2V
Nominal capacity	314Ah/16kWh
Charging protection voltage	58.4V
Discharge protection voltage	40V
Recommended charging current	157A(0.5C)
Maximum charging current	200A
Recommended discharge current	157A(0.5C)
Maximum discharge current	200A
Battery cycle life	8000 cycles, DOD 80%
Communication mode	CAN/RS485
Charging temperature	0~45°C
Operating temperature	-20°C~55°C
Battery weight	125Kg
Battery size	840*430*230mm
Certification	CE, MSDS, UN38.3
Warranty	5 year, 8000 cycles
IP Level	IP30
Adaptable inverter (can customized)	LUXPOWERTEK, DEYE, SOLIS, GROWATT, GOODWE, VICTRON, SOROTEC, SMA, INVT, SRNE, VOLTRONIC, SOFAR, KSTAR