



SVE 16 LITE 1

- Intelligent Battery Management System (BMS)
- Intelligent Current Blocker
- Quadruple Safety Protection: Voltage Protection, Temperature Protection, Current Dual Protection, IP20
- Built in fire protection module, 15S fast flame retardant
- Convenient installation; Supports well connection, up to 32 units can be connected in parallel
- Applications: Electricity at home, shopping malls, supermarkets, hotels and other public places

05

year warranty

32

Units Parallel

8000

Cycles



Basic Specifications

Module Name	SVE 16 LITE ①
Cell Type	LFP
Nominal voltage	51.2V
Nominal capacity	314Ah/16.076kWh
Charging protection voltage	56.8V
Discharge protection voltage	46.4V
Recommended charging current	≤100A
Maximum charging current	200A
Recommended discharge current	≤100A
Maximum discharge current	200A
Battery cycle life	8000 (25°C±2°C, 0.5C charge-discharge, DOD 80%)
Communication mode	RS485/RS232/CAN
Charging temperature	5~55°C
Operating temperature	-20~60°C
Battery weight	127.6
Battery size	500*255*865mm (adjustable)
Certification	MSDS, UN38.3
Warranty	5 year, 8000 cycles
IP Level	IP20
Adaptable inverter (can customized)	485: PYLON, DEYE, GROWATT, VOLTRONIC, PACE, LTW, MUST, SRNE, BAYKEE, SMK, AFORE, VKING, BITTA, STONE, EPEVER CAN: PYLON, DEYE, GROWATT, SOLAX, SOFARGOODWE, INVT, AFOR, SOLIS, LUXPOWER, VICTRON, SOROTEC, SMA, DONNERGY, MUST, IMEON, SVE, SCHNEIDER, GENIXGREEN, INHENERGY, SENERGY, LTW, SUNWAYS, STUDER, SAJ, LIVOLTEK, SUNGROW