



SVE 16.6 ECO

51.2V-324AH



- 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

2026



Basic Specifications

Module Name	SVE 16.6 ECO
Cell Type	LFP
Nominal voltage	51.2V
Nominal capacity	324Ah/16.6kWh
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	127.6Kg
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