

Home Storage Battery

8000+ Life Cycles

10+kW Flash Charging

UN38.3、MSDS、By Sea



28.67kWh

- Highly safe LFP battery
- Withstanding temperature as low as -15°C
- An extremely long 5-year warranty
- Compatible with most leading inverters
- Real time display on 4.3 inch LCD screen

TECHNICAL SPECIFICATIONS

Model	BAT-ST51560A-A1
ELECTRICAL CHARACTERISTICS	
Battery Type	LFP
Total Energy Capacity (kWh)	28.672
Nominal Capacity (Ah)	560
Nominal Voltage(V)	51.2
Working Voltage Range (V)	40 to 58.4
Charge Current(A)	200
Discharge Current(A)	200
Recommend Depth of Discharge (%)	80
Internal Resistance Standard(mΩ)	≤3
Cycle Life@ 25°C	≥8000
DC Disconnect	Contactora
Eficiency	>98%
Cell Configuration	16S1P
Scalability	Supports 20 units in parallel
Communication	CAN/RS485
OPERATING CONDITIONS	
Operating Temperature (°C)	-15 to 60
Humidity Conditions(%)	5 to 95
Max.Altitude Rating(m)	3000
Cooling Strategy	Natural convection
Compatible Inverters	Growatt/Goodwe/Deye/Srne/Solis/and more
RELIABILITY AND CERTIFICATION	
Transportation	UN38.3、MSDS、By Sea
Ingress Protection Rating	IP20
Installation	Indoor
WARRANTY	
Product and Performance(year)	5
PHYSICAL CHARACTERISTICS	
Height (mm)	1000
Width (mm)	460
Depth(mm)	380
Weight(kg)	228
Mounting Options	Floor Standing