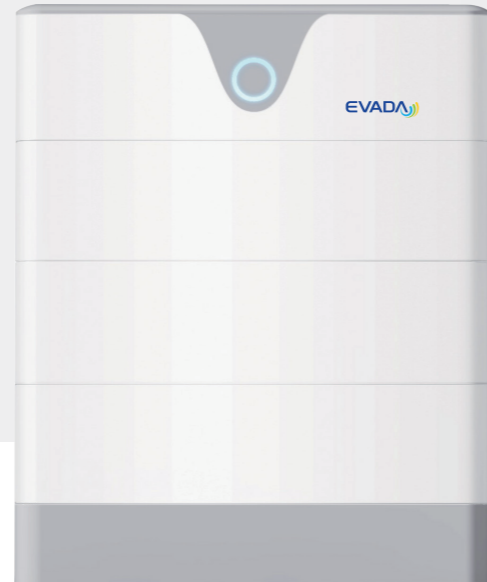


RS-S Series Battery

RS-S Series battery pack is a stack type residential lithium battery, designed solely for residential ESS applications. The technology can easily combine with a mainstream inverter in different scenarios to save the electrical bill&back-up power in the event of a grid outage or unavailable power.



Features

User Friendly

- WIFI configuration is optional
- Stackable design, easy for floor installation
- 10.24 KWH~20.48 KWH can be extended

Powerful and Safe

- Built-in LFP battery to comply with IEC, UL standards
- 15 years life design. Long cycle life and superior performance

Specification

MODEL	RS-S20550A	RS-S30750A
Number of battery modules	2	3
Manage battery energy	10.24kWh	15.36kWh
Nominal voltage	204.8V	307.2V
Operation voltage range	185.6V~233.6V	278.4V~350.4V
Manage battery capacity	50Ah	
Max. charge current	50A	
Max. discharge current	50A	
Communication to inverter	CAN/RS485	
Wifi	Support	
Display	LED indicator, SOC status indicator	
IP rating	IP55	
Cycle life	6000 Cycles @25°C @70%EOL @0.2C charge&0.5C discharge, 90%DOD	
Battery module weight	~60kg (132.2lb)	
Module dimension (L*W*H)	630*440*590 mm (24.8*17.3*23.2 inch)	630*440*745 mm (24.8*17.3*29.3 inch)
Cell type	LFP-Lithium iron phosphate (LiFePO4)	
Design life	15 years (25°C/77°F)	
Charge temp. range	0~50°C (32~122°F)	
Discharge temp. range	-10~50°C (14~122°F)	
Operating temperature	Charge: 0~50°C (32-122°F) Discharge: -10~55°C (14~122°F)	
Relative humidity	5%~95%	
Install altitude	≤4000mt	
Certification	CE/IEC62619/UL1973/UL9540A/UN38.3	