



## 9.6kWh High Voltage Battery

ESR-AH9600-A



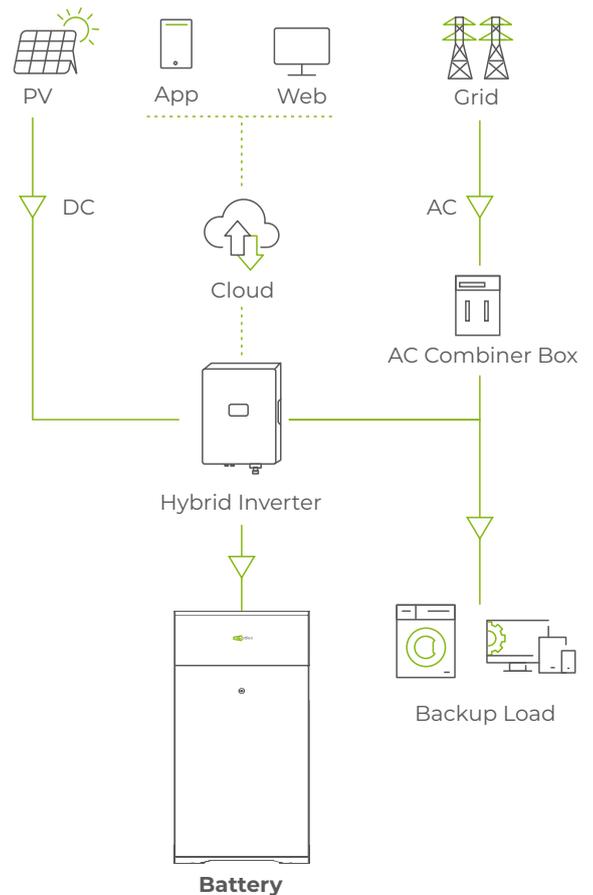
**IP65 Protection Rating**

**Compact size and high energy density**

**Excellent safety of LiFePO4 battery cell**

**High cycle stability and long lifespan**

**Remote diagnosis and upgrade**



### About Ecosolex

As a sub-brand of Shenzhen Topband Co., Ltd., Ecosolex delivers advanced solar, storage, and charging solutions for residential, commercial, and industrial use. Backed by Topband's decades of expertise, over 2,000 research professionals, and more than 3,200 patents, we provide reliable, safe, and sustainable energy systems. With 15 global production and R&D bases, Ecosolex empowers customers worldwide to achieve energy independence and contribute to a greener, more sustainable future.



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### Technical Parameters

Cell type	LFP - Lithium iron phosphate (LiFePO4)
Manage battery capacity	50Ah
Number of battery Modules	5
Manage battery energy	9.6kW
Nominal voltage	192V(60S1P)
Operation voltage range	174V~219V
Max charge current	25A
Max discharge current	30A
Operating Temperature	Charging: 0~50°C / Discharging: -10~50°C
Communication to inverter	CAN
Display	LED indicator
WIFI	/
Module dimension(L*W*H)	600mm*250mm*1038 mm
Battery module weight	126.5 KG
Attitude	≤4000m
Cycle life	6000 Cycles @25°C @60%EOL @0.2C charge & 0.5C discharge, 90% DOD
Relative humidity	5%~95%
Protection rating	IP65(needs to be assembled with a matching inverter)
Warranty	10 years
Compatible inverters	Production-specific agreement
Certification	CE, IEC62619, UN38.3
Compatible with	Solis, SMA