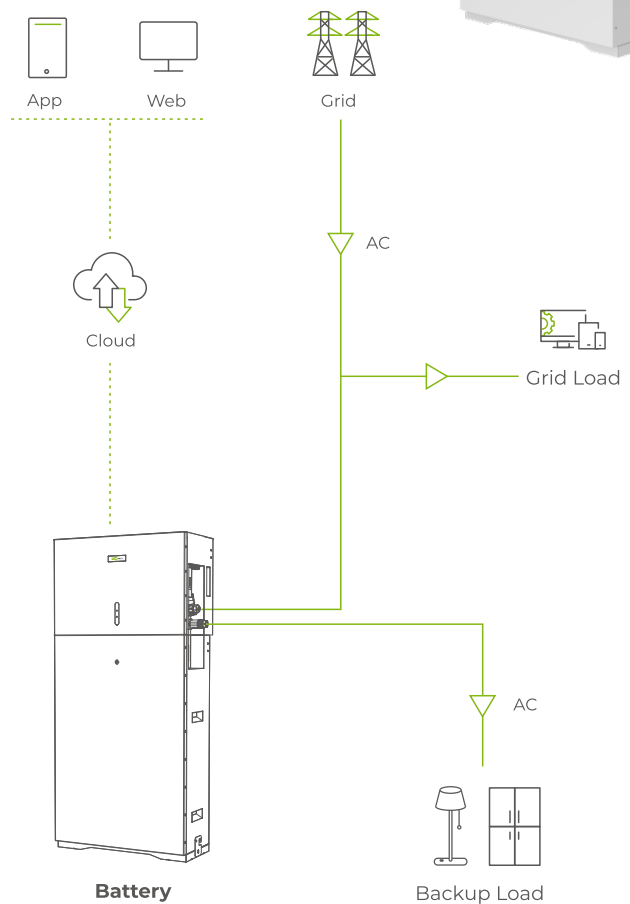




Single Phase All in One Energy Storage System

ESR-A6KIP-EUA

- Single-phase 6kW PCS + 10kWh high-voltage battery with high conversion efficiency
- Proactively obtain tariff information and develop corresponding charging and discharging strategies
- Modular design for easy installation
- Built-in Wifi communication module, support OTA upgrade
- IP65 Protection Rating



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.



Single Phase All in One Energy Storage System

Technical Parameters

On-Grid Specification

Max.Output Power	6000VA
Rated Output Voltage	230VAC
Rated Frequency	50Hz
Max.Output Current (AC Port)	26A
THDi	<3%
Grids Supported	L+N+PE
Max.Discharging Efficiency	95.5%
Max.Charging Efficiency	95.5%

Off-Grid Specification

Max.Output Power	5000VA
Rated Output Voltage	230V
Rated Output Frequency	50Hz
THDv	<3%
EPS Switching Time	<20ms

Battery Specification

Battery Chemistry	LFP(LiFePO4)
Battery Voltage Range	180-216VDC
Max.Discharging Current	30A
Max.Charging Current	25A
Depth of Discharge	0.9
Rated Capacity	9.6 kWh
Cycle Life	6000

General parameters

Dimension (W * D * H)	600*280*1300mm
Weight	150kg
Operating Temperature Range	-10-50°C
Cooling	Natural
Protection Level	IP65
Max. Operation Altitude	<2000m
Display	LED, APP
Communication	WIFI, Bluetooth
Noise	<40dB
Permissible Ambient Humidity	0-95%
Warrenty	10 Years

Standard

Safety	En62477, EN62619
EMC	EN61000-1, EN61000-3
Certification	UNE217001: 2020IN