



ZL-AIO Series

Single Phase Hybrid Inverter Type ESS

单相混合逆变器储能系统

Product introduction

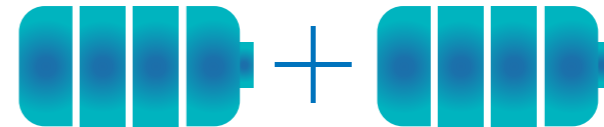
A high-performance, high-efficiency all-in one system with 5.12kWh/10.4kWh/15.36kWh of storage capacity and up to 10kW rate of continuous charge/discharge.

ZL-AIO SP Series is a low voltage DC LFP battery system. It is for residential solar & storage applications and works with single phase hybrid inverters to achieve solar self-consumption, peak shaving or back-up supply.



ZL-AIO-SP1-5.0/ZL-AIO-SP1-10.0/ZL-AIO-SP1-15.0

BATTERY EXPANSION EASY UPGRADE



A high-performance, high efficiency system with 10.4kwh of storage capacity and up to 6kW charge/ discharge rate.



Model	ZL-AIO-SP1-5.0	ZL-AIO-SP1-10.0	ZL-AIO-SP1-15.0
Maximum PV Array Power	1800W(3KW Inverter)/4500W(5KW Inverter)		
MPPT Range@ Operating Voltage	60VDC~115VDC		
Maximum PV Array Open Circuit Voltage	145VDC		
AC Output Power AC	3KW/5KW/8KW/10KW (Inverter Optional)		
Maximum Efficiency	98%		
AC input Voltage	230VAC		
Number of Independent MPP Trackers/Strings Per MPP Tracker	1%		
AC Charger Selectable Voltage Range	170-280 VAC (For Personal Computers);90-280 VAC (For Home Appliances)		
Battery System Voltage	51.2V	51.2V	51.2V
Rated Capacity	5.12kWh	10.24kWh	15.36kWh
Charge Temperature	0°C ~ 45°C		
Discharge Temperature	-10°C ~ 45°C		
Cycle Life	6000 cycles @ 0.5C/0.5C, 25°C		
Communication	CAN, RS485		
Dimensions	1200*216*640mm	1655*216*640mm	2110*216*640mm

Remarks: above data for reference only, without notice if any change. Special volt can be customized.