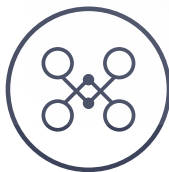


HOUSEHOLD LIFEPO4 ENERGY STORAGE BATTERY



Flexible

Scalable battery design for easy expansion, Max. 6pcs in parallel



Safe & Reliable

BYD blade lithium cell
more safety, longer life cycle
and more esable energy,
upto to more than 10 years working life



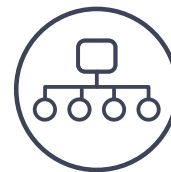
Easy Installation

Stylish, ultra-thin
Easy connection,
saving installation time and cost.



Perfect Compatibility

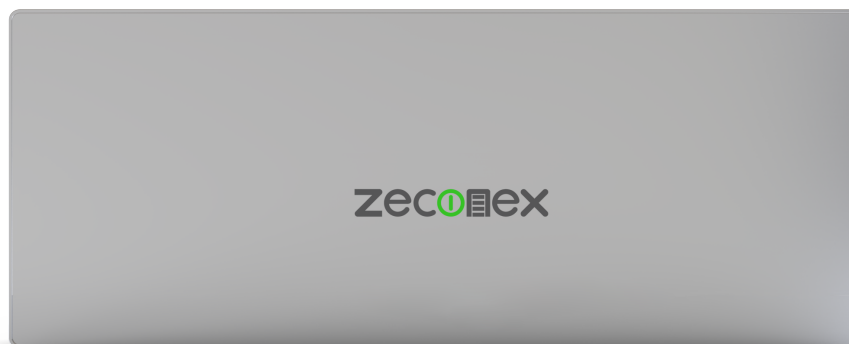
Compatible to residential 48V hybrid inverter, and off grid inverter
Compatible with CAN / RS485 communication interface.
Matching with leading inverter brands



Application scenario

Villa、 Household、 farm、
base station、 field power supply

HOUSEHOLD LIFEPO4 ENERGY STORAGE BATTERY



Model	ZECO-614BC-PWG2
Battery type	BYD Blade Lithium-iron Phosphate(LiFePO4)
Battery energy(KWH)	6.144KWH
Nominal Voltage(V)	51.2V
Nominal Capacity(AH)	120AH
Operating Voltage Range(V)	43.2V-57.6V
Standard charging mode	Constant current charging (CC)
Standard charging current(A)	30A @ 25°C
Max. constant charging current(A)	120A @ 25°C
Charge limit voltage(V)	60.8V
Standard discharging mode	Constant current discharging (CC)
Standard discharging current(A)	30A @ 25°C
Max. discharging current(A)	120A @ 25°C
Discharge cut-off voltage (V)	32V
Scalability	Max. 6 strings in parallel
Depth of discharge(DOD)	80%
Design life	> 10years(25°C/77F)
Protection function	
Protection	Over-temperature, over charge, under-voltage, over-current, short circuit alarm Function
Display and Communication	
Display	LED indicator
Communication	CAN/RS485
General Specification	
Dimension(H*W*D)	1112*443*118MM
Weight	About 46KG
Installation	Wall Mount
Shipping status SOC	20%~30%
Charging Temperature	-20~+55°C
Discharging Temperature	-30~+60°C
Short term storage ambient temperature	-20~+35°C (<3 months,20~60% SOC)
Long term storage ambient temperature	-20 ~+30°C (<1year,30~60% SOC)
Max. operating altitude	4,000m(Derating above 2,000m)
Protection degree	IP21, indoor installation
Relative humidity	5%-95%
Cooling	Natural cooling
Noise emission	< 29db
Certificate	CE, UN38.3,UL