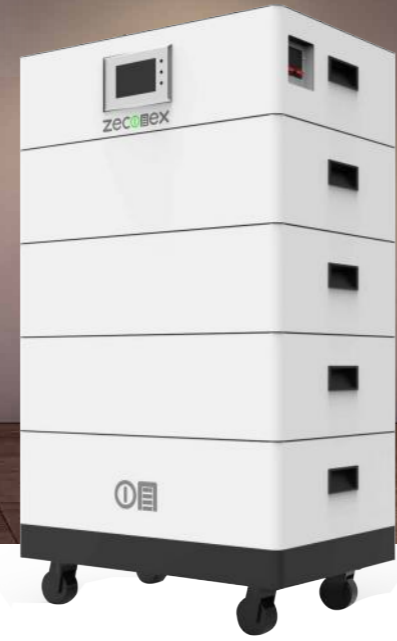


High Voltage LiFePO4 Battery Storage System-HV

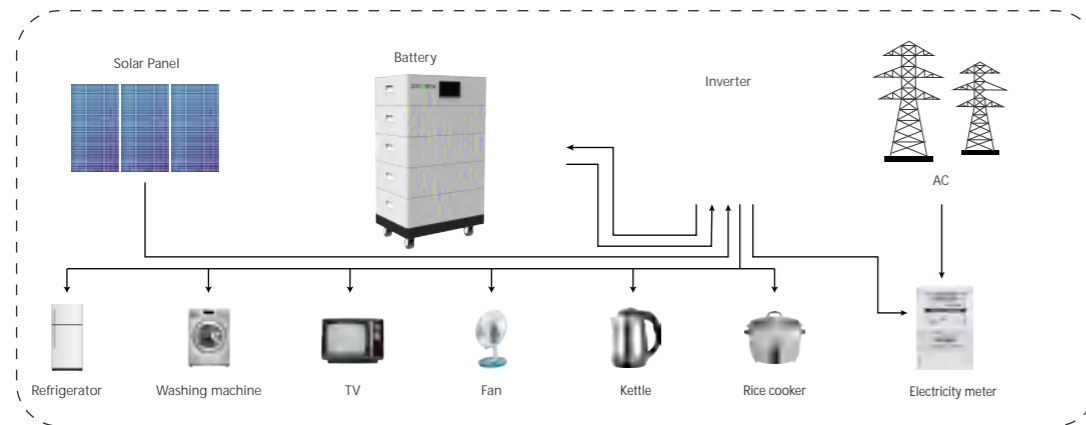


Features

- Capable of High-Powered Emergency-Backup and Off-Grid Functionality
- Highest Efficiency Thanks to a Real High-Voltage Series Connection
- The Patented Modular Plug Design Requires no Internal Wiring and Allows for Maximum Flexibility and Ease of Use
- Grand A Lithium Iron Phosphate (LFP) Battery: Maximum Safety, Life Cycle, and Power
- Compatible With Leading High Voltage Battery Inverters
- Highest Safety Standards



Structural parts description



51.2V Energy Storage LiFePO4 Battery-HV



Specifications

Datasheet	ZECO-15100BL-HV	ZECO-30100BL-HV	ZECO-45100BL-HV	ZECO-60100BL-HV	ZECO-75100BL-HV	ZECO-90100BL-HV	ZECO-105100BL-HV	ZECO-105100BL-HV
System Demo								
Battery Module	ZECO-15100BL-HV							
Number of Modules	1	2	3	4	5	6	7	8
Energy Capacity	100Ah	100Ah	100Ah	100Ah	100Ah	100Ah	100Ah	100Ah
Energy Capacity	4.8KWh	9.6KWh	14.4KWh	19.2KWh	24KWh	28.8KWh	33.6KWh	38.4KWh
Size(LxWxH)	574x395x134mm	574x395x302mm	574x395x470mm	574x395x638mm	574x395x806mm	574x395x974mm	574x395x1142mm	574x395x1310mm
Weight	49kg	88kg	127kg	166kg	205kg	244kg	283kg	322kg
Standard Charge/Discharge Current	75A	75A	100A	100A	100A	100A	100A	100A

General

Battery Type	Lithium Iron Phosphate (LFP)
Nominal Voltage	48V
Operating voltage Range	40- 54.7V
IP Protection	IP65
Installation	Floor installation
Operation Temperature	-10~60°C

Features

BMS Monitoring Parameters	SOC, System voltage,current, cell voltage, cell temperature, PCBA temperature measurement
Communication Port	CAN
Waranty: 5 years /10 years	Yes/optional



High cycle life

4000 cycles @80% DoD for effectively lower total of ownership cost.



Quickly recharge

Save time and increase productivity with less down time thanks to superior charge/discharge efficiency.



Longer service life

Low maintenance batteries with stable chemistry.



Extreme heat tolerance

Suitable for use in a wider range of applications where ambient temperature is unusually high: up to +60°C.



Built in circuit protection

Battery Management System (BMS) is incorporated against abuse.



Lightweight

Lithium batteries provide more Wh/Kg while also being up to 1/3 the weight of its SLA equivalent.



Better storage

Up to 6 months thanks to its extremely low self discharge (LSD) rate and no risk of sulphation.



Function

Support parallel operation