

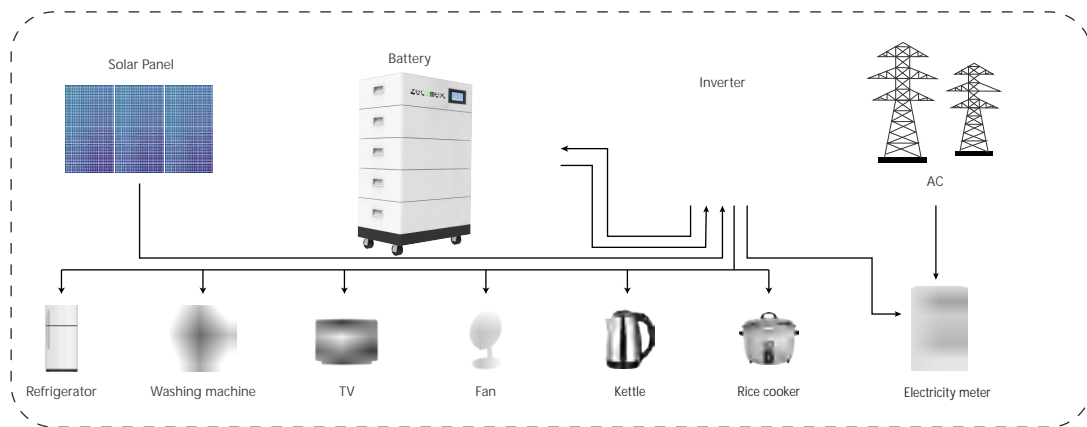
High Voltage LiFePO4 Battery Storage System-HVG1

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



48V Energy Storage LiFePO4 Battery-HVG1

ZECOMEX

Specifications

Datasheet	ZECO-45100BL-HVG1	ZECO-60100BL-HVG1	ZECO-75100BL-HVG1	ZECO-90100BL-HVG1	ZECO-105100BL-HVG1	ZECO-105100BL-HVG1
System Demo						
Battery Module	ZECO-15100BL-HV					
Number of Modules	3	4	5	6	7	8
Energy Capacity	14.4kWh	19.2kWh	24kWh	28.8kWh	33.6kWh	38.4kWh
Energy Capacity	100Ah	100Ah	100Ah	100Ah	100Ah	100Ah
Battery Voltage	144V	192V	240V	288V	336V	384V
Size(LxWxH)	570x380x833mm	570x380x1000mm	570x380x1167mm	570x380x1334mm	570x380x1501mm	570x380x1668mm
Weight	148Kg	189Kg	230Kg	271Kg	312Kg	353kg
Standard Charge/Discharge Current	20A	20A	20A	20A	20A	20A
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					
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

>8000 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