

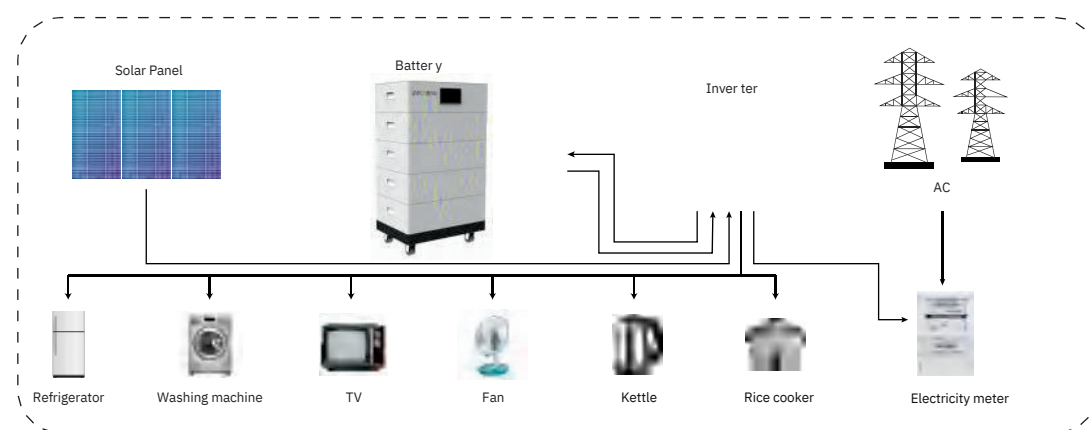
# High Voltage LiFePO4 Battery Storage System-HV



## 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



## 48V~384 V 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	4.8KWh	9.6KWh	14.4KWh	19.2KWh	24KWh	28.8KWh	33.6KWh	38.4KWh
Energy Capacity	100Ah	100Ah	100Ah	100Ah	100Ah	100Ah	100Ah	100Ah
Battery Voltage	48V	96V	144V	192V	240V	288V	366V	384V
Size(L×W×H)	570×380×167mm	570×380×666mm	570×380×833mm	570×380×1000mm	570×380×1167mm	570×380×1334mm	570×380×1501mm	570×380×1668mm
Weight	41kg	107kg	148kg	189kg	230kg	271kg	312kg	353kg
Standard Charge/Discharge Current	20A	20A	20A	20A	20A	20A	20A	20A

### 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
Warranty: 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