

High voltage energy storage batteries

Features

- New Class A high-reliability lithium iron phosphate battery, green and environmentally friendly
- Intelligent integrated BMS, all-round protection strategy and fault detection
- Built-in fire extinguishing device, automatically deal with ultra-early warning thermal runaway status
- Bottom tripod design, standard cabinet for easy installation and easy maintenance
- Modular design, parallel expansion, flexible choice of voltage and capacity
- Large capacity, high charging and discharging efficiency, more than 6000 cycles



High cycle life

>8000 cycles @80% DoD for effectively lower total of ownership cost



Longer service life

Low maintenance batteries with stable chemistry.



Built in circuit protection

Battery Management System (BMS) is incorporated against abuse.



Better storage

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



Quickly recharge

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



Extreme heat tolerance

Suitable for use in a wider range of applications where ambient temperature is unusually high: up to +45°C.



Lightweight

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







Function

Support parallel operation

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Specifications

Product Description	Product Parameters	
Product Model	ZECO-RBG1-64S100BL-U	ZECO-RBG1-96S100BL-U
Module Presentation		
Number Of Modules	4	6
Energy Capacity (Ah)	100	100
Standard Voltage (V)	204.8	307.2
Rated Energy (KWh)	20.48	30.72
Product Dimensions (LxWxHmm)	548x584x1500	548x584x1500
Net Weight (Kg)	235	340
Standard Charge Current (A)	20	20
Maximum Discharge Current (A)	100	100
IP Protection	21	21
Product Model	ZECO-RBG1-128S100BL-U	ZECO-RBG1-192S100BL-U
Module Presentation		
Number Of Modules	8	12
Energy Capacity (Ah)	100	100
Standard Voltage (V)	409.6	614.4
Rated Energy (KWh)	40.96	61.44
Product Dimensions (LxWxHmm)	548x584x1950	548x584x2750
Net Weight (Kg)	425	595
Standard Charge Current (A)	20	20
Maximum Discharge Current (A)	100	100
IP Protection	21	21

Battery Type	Nominal Voltage (V)	Operating Voltage Range (V)	Communication	Installation	Operating Temperature
LFP	51.2	42~58.4	CAN/RS485	Cabinet holding	Charging: 0~60°C; Discharge: -10~60°C