



Series	VB Series LFP	Warranty	See Warranty Terms
Volts	24	Design	
Terminal Type		M8	
Included Hardware		M8 stainless bolts & washers	
Size & Thread		M8	

### Charge | Discharge

Charge Voltage Range	28.4~29.2		
End of Discharge Protection Voltage	22.4 V		
Recommended Charge Current			
-20~50°C (-4~122°F)	0.5C	75A	

### Charge Mode:

- Charge at recommend voltage & current by temperature until charge current drops to  $\leq 0.05C$  (CC,CV)
- DO NOT USE TEMPERATURE COMPENSATION
- No BTS (Battery Temperature Sensor)

Max Continuous Charge Current	150 A
Max Continuous Discharge Current	150 A
Charge Temperature Range	-20~55°C (-4~131°F)
Discharge Temperature Range	-20~55°C (-4~131°F)
Storage Temperature Range	-20~55°C (-4~131°F)

### Capacity

Nominal Capacity	150 AH
Total Energy	3.84 kWh
Nominal Voltage	25.6 V

### Safety

- Prismatic LiFePO4 cells [CB36173204EA]
- UN38.3 (cell/pack)
- ROHS (cell), CE system certification, IP65 Rating

### Design

- ABS container for easy VRLA replacement
- Fast charge/discharge performance
- Maintenance-free operation
- Heating for low temperature operating
- Bluetooth Connectivity & dedicated IOS & Android App

### Battery Management System (BMS)

- Integrated hardware BMS inside
- Independent charge & discharge protection
- Short-Circuit Protection, Over-Voltage Protection, Low-Voltage Protection, Over-Current Protection, Low-Temperature Protection, Over-Temperature Protection

### Specifications

Weight	29 kg	63.9 lbs
Length	522 mm	20.55"
Width	240 mm	9.45"
Height	219 mm	8.62"
Height Incl. Term.	224 mm	8.82"

Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process & battery components.

Container	ABS
Cover	ABS
Handles	Rope / Plastic Handle
Internal BMS Model	RD-RJ8S150A
Expected Cycle Life	6000 @ 80% DOD
Series Connection	2 UNITS MAX (48V)
Parallel Connection	4 UNITS MAX (48V)
Connectivity	Up to 254P (in 48V configuration)

### Detailed Illustration

