







Series	R-Series LFP	Warranty	See Warranty Terms
Volts	24	BCI	8D
Terminal Type		M8	
Included Hardware		M8 stainless bolts & washers	
Charge			
Chargo Volt	ago Bango		28.0 20.21/

Charge Voltage Range	28.0 - 29.2V	
Recommended End of Discharge Voltage	24.0 V	
End of Discharge Protection Voltage 20.0 V		
Recommended Charge Voltage 28.8 V		
Recommended Charge Current		
0~10°C (32-50°F)	0.2C	30A
10~35°C (50-95°F)	0.5C	75A
35~50°C (95-122°F)	0.2C	30A

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	75 A
Max Continuous Discharge Current	150 A
Surge Current Limit	800 A (300ms)
Charge Temperature Range	0°C~55°C (32~131°F)
Discharge Temperature Range	-20°~60°C (-4~140°F)
Storage Temperature Range	-5°~45°C (23~113°F)

Capacity	
Nominal Capacity	150 AH
Total Energy	3.78 kWh
Nominal Voltage	25.6 V

Safety

- Cylindrical LiFePO4 cells [ITR26-70/40E 4Ah, 26700] (UL1642)
- IEC62133 (cell), IEC62619(cell), UN38.3 (cell/pack)
- ROHS (cell), CE system certification, IP65 Rating

Design

- Standard-size (BCI) ABS container for easy VRLA replacement
- Fast charge/discharge performance
- Maintenance-free operation

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

24V LFP Profile

ISO9001

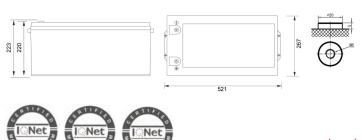
ISO14001

Specifications				
stem ▲	Weight	33.5 kg	73.6 lbs	
Certified System	Length	52.1 cm	20.5"	
	Width	26.7 cm	10.51"	
ISO 9001 Quality	Height Inc. Term.	22.3 cm	8.78"	

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	Molded
Internal BMS Model	8S150A
Expected Cycle Life	>6000 @ 80% DOD, >3000 @ 100% DOD
Series Connection	2 UNITS MAX (48V)
Parallel Connection	4 UNITS MAX (48V) or 6 UNITS MAX (24V)
Connectivity	Up to 2S4P (in 48V configuration) or 1S6P (in 24V configuration)

Detailed Illustration





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