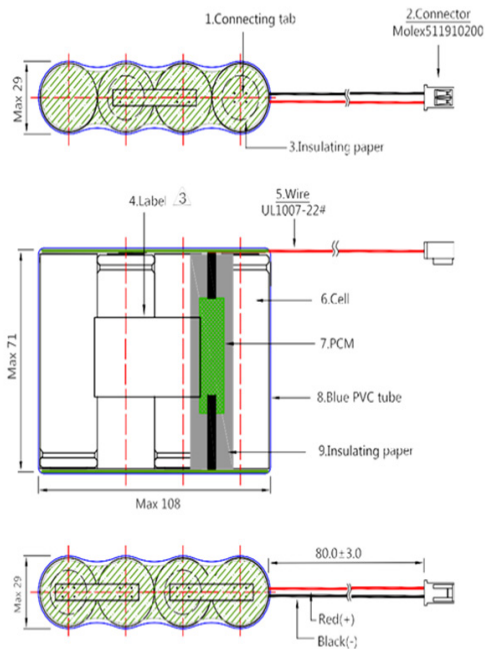


BAT-ERTA2-LFP

Rechargeable LiFePO₄ Battery Pack



Description

Rechargeable LiFePO₄ Battery Pack with PCM safety circuit, wires and connector
12.8V 3Ah capacity

Specifications

SPECIFICATIONS	DESCRIPTION
General	
Cell Mode:	IFR26650, 3.2V, 3AH
Configuration:	4S1P
PCM:	RSJP0760ABAV-4S6A
Weight:	Approx. 340g
Electrical Specifications:	
Rated Capacity:	3Ah Min.
Nominal Voltage:	12.8V (Min voltage for shipment:8V)
Watt hour rating:	38.4Wh
Charging Method:	Constant Current + Constant Voltage.
Max charge Voltage:	14.6V (cell: 3.65V)
Max Continuous Charge Current:	2000mA
Rec Charge cut off:	60mA
Max Continuous Discharge Current:	3000mA
Max 1sec Continuous Pulse Current:	4000mA
Rec Discharge cut off:	8.0V (Cell 2.0V)
Cell balancing voltage:	3.475 ± 0.03V
Cell balancing current:	51 ± 10mA
Internal Impedance:	<300mΩ
Cycle Life:	After 1000 cycles, ≤ 80% of min. cap. (CHG 1.5A/DCHG 1.5A, 25± 2°C)
Cables	Cables to allow connection to Field cannisters and for inline antenna connection and USB charging cable
Cell Protection	
Over-charge detection:	3.9V typical
Over-discharge Detection:	2.0V typical
Over-current Detection:	4.0A to 8.0A
Temperature Range	
Charge:	0 to 55°C
Discharge:	-20 to +60°C
Storage:	-10°C~35°C, ≤ 3Months
	-10°C~30°C, ≤ 1Year
Humidity:	40~85%RH, SOC: 40%~60%

Ordering

PRODUCT CODE	DESCRIPTION
BAT-ERTA2-LFP	Rechargeable LiFePO ₄ Battery Pack

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