



12.8V

121.6Ah

LiFePO₄

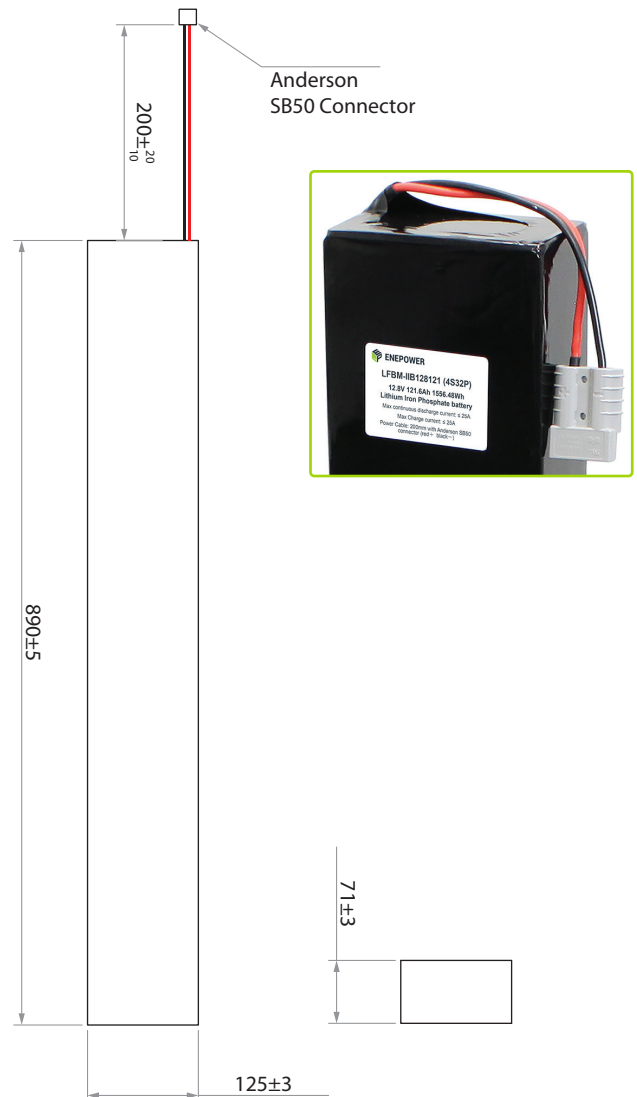
1556Wh

SPECIFICATIONS

Model No.	LFBM-IIB128121
Nominal Voltage	12.8V
Nominal Capacity	110Ah
Typical Capacity	121.6Ah
Watt-hour Rating	1556.48Wh
Chemistry	Lithium Iron Phosphate (LiFePO ₄)
Cell	IFR26650-38A
Configuration	4S32P
Continuous Discharge Current	25A
Max Charge Current	25A
Max Charging Voltage	14.6V
Internal Resistance	<30mΩ
Indicator	N/A
Connector	SB50 Anderson
Dimensions	
Length	890mm
Width	125mm
Height	71mm
Weight	13kg
Operating Temperature	
Charge Mode	0°C ~ +45°C
Discharge Mode	-20°C ~ +60°C
Storage Mode	-20°C ~ +45°C
Communication	N/A
PCM	
Over Charge Voltage Threshold	3.9V±0.10V/cell
Over Charge Voltage Release	3.6V±0.10V/cell
Over Discharge Voltage Threshold	2.0V±0.10V/cell
Over Discharge Voltage Release	2.7V±0.10V/cell
Over Discharge Current Protection	135A ± 35A
Short Circuit Protection	≤ 800μS
Balance Function	Yes
Housing	PVC Shrink
Certification	Pending
Cycle Life	> 2,000 @ 0.5C charge / 0.5C discharge to 80%



DIAGRAM (mm)



Applying standard charging/discharging current and testing the battery capacity

