



12.8V

28Ah

LiFePO<sub>4</sub>

358.4Wh

## SPECIFICATIONS

<b>Model No.</b>	LFBM-EFP1208B
<b>Nominal Voltage</b>	12.8V
<b>Nominal Capacity</b>	27.6Ah
<b>Typical Capacity</b>	28Ah
<b>Watt-hour Rating</b>	358.4Wh
<b>Chemistry</b>	Lithium Iron Phosphate (LiFePO <sub>4</sub> )
<b>Cell</b>	IFR26650-36A
<b>Configuration</b>	4S8P
<b>Maximum Cont. Discharge Current</b>	<28A
<b>Max Charge Current</b>	<28A
<b>Max Charging Voltage</b>	14.6V
<b>Internal Resistance</b>	<80mΩ
<b>Indicator</b>	5 x LED
<b>Connector</b>	
<b>Charge</b>	CML-Z1064
<b>Discharge</b>	Red (Positive), Black (Negative)
<b>Dimensions</b>	
<b>Length</b>	286.1mm
<b>Width</b>	156.1mm
<b>Height</b>	85mm
<b>Weight</b>	5kg
<b>Operating Temperature</b>	
<b>Charge Mode</b>	0°C ~ +45°C
<b>Discharge Mode</b>	-20°C ~ +60°C
<b>Storage Mode</b>	-20°C ~ +60°C
<b>Communication</b>	N/A
<b>PCM</b>	4S-30A
<b>Over Charge Voltage Threshold</b>	3.7V±0.025V/cell
<b>Over Charge Voltage Release</b>	3.4V±0.025V/cell
<b>Over Discharge Voltage Threshold</b>	2.5V±0.05V/cell
<b>Over Discharge Voltage Release</b>	2.8V±0.05V/cell
<b>Over Discharge Current Protection</b>	30A
<b>Short Circuit Protection</b>	84A±2A
<b>Balance Function</b>	Yes
<b>Housing</b>	Aluminium Case
<b>Certification</b>	N/A



## DIAGRAM

