

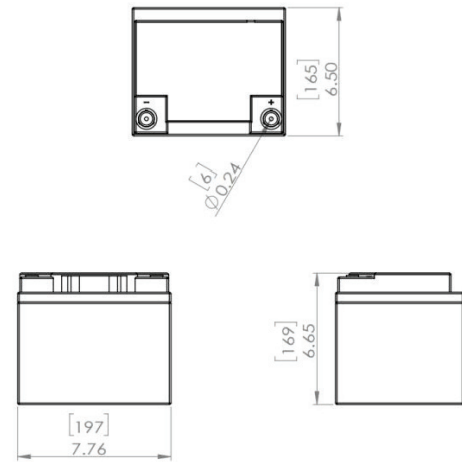
**Lithium Iron Phosphate (LiFePO<sub>4</sub>) Battery**

**Specifications**

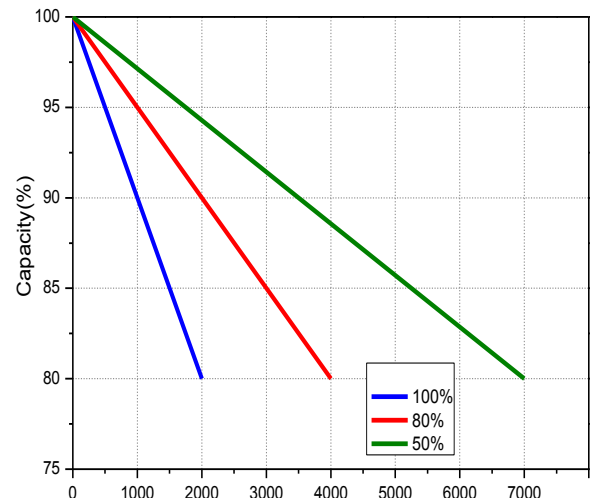
<b>Electrical Characteristics</b>	Nominal Voltage	25.6V
	Rated Capacity (77°F/25°C)	25Ah
	Series X Parallel Maximum	2S X 4P
	Circuit Protection	Over charge, Over discharge, Over current, Over temp, Short, Balance
	Cycle Life	2000 cycles at 0.2C 100% DOD
	Monthly Self Discharge	Less than 2%
	Efficiency of Charge	100% @ 0.5C (when used with proper LiFePO <sub>4</sub> charger)
	Efficiency of Discharge	96 ~ 99% @ 1C
<b>Charge</b>	Charge Voltage	28.8 ± 0.2V
	Standard Charge Current	5A
	Max. Charge Current	25A
<b>Discharge</b>	Std. Discharge Current	5A
	Max. Continuous Current	30A
	Discharge Cut-off Voltage	20V
<b>Environmental</b>	Charge Temperature	0°C to 45°C (32°F to 113°F) at 60 ± 25% Relative Humidity
	Discharge Temperature	-20°C to 60°C (-4°F to 140°F) at 60 ± 25% Relative Humidity
	Storage Temperature	-20°C to 45°C (-4°F to 113°F) at 60 ± 25% Relative Humidity
<b>Mechanical</b>	Cell Material	LiFePO <sub>4</sub>
	Case / IP Class	Plastic case / IP65
	Dimensions (in./mm)	7.75 x 6.49 x 6.65 / 197 x 165 x 169
	Approx. Weight (lbs./kg.)	11.68 / 5.3
	Terminal Type	M6
<b>Optional</b>	Extended Functions	Power Switch, SOC indicator, USB, Communications (CANBUS, Bluetooth, SMBUS, RS485, RS232, UART, I <sup>2</sup> C)



**Physical Dimensions**



**Discharge Characteristics**



\*Zeus Battery highly recommends to use LiFePO<sub>4</sub> charger suitable for each battery for optimum charge performance

\*\*Modular design enables deployment of up to two batteries in series and up to four batteries in parallel.