
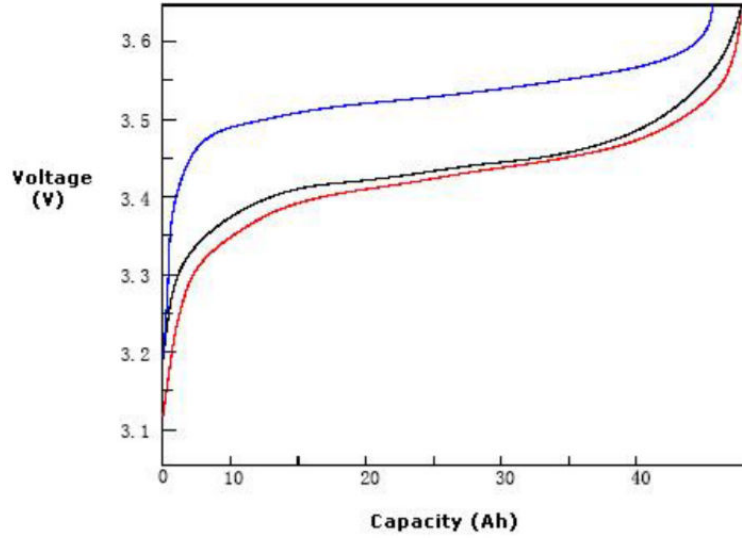


SPECIFICATION OF LFP-G40 / LFP-G4S40AH

Cell Voltage	Nominal Voltage: 3.2V
	Max cell voltage: 4.00V (Recommend not to exceed 3.80V)
	Min cell voltage: 2.50V (Recommend not to drop below 2.80V)
Capacity	40Ah
Operating temperature	Charge: 0°C to 65 °C (32F to 149F)
	Discharge: -20°C to 65 °C (-4F to 149F)
	Temperature Durability of Case: ≤135 °C (275F)
Current range	Up to 3C (120A) continuous current for charging and discharging
	Up to 10C (400A) impulse (≤10 seconds) discharge current
	Recommended charging and discharging current: 0.5C (20A)
Internal Resistance	≤2.5mΩ
Energy Density	91.4 Wh/kg
Cycle life	Cell: ≥2000 cycles at 80% DOD at room temperature
	Pack: ≥1500 cycles at 80% DOD at room temperature
Self discharge	Max 3% per month
Cell Dimension & Weight (LxWxH)	Without cover: 126x46x180mm (5x1.81x7.1 inches)
	With cover: 126x46x190mm (5x1.81x7.5 inches)
4-Cell Pack Dimension & Weight (WxLxH)	Without Aluminum case: 126x184x190 mm (5x7.3x7.5 inches)
	With Aluminum case: 126x198x190mm (5x7.6x7.5 inches)
Weight	Cell: 1.4Kg (3.1LB)
	4-cell pack: 6.6Kg (14.55LB)
Picture	 <p style="text-align: center;"> 3.2V cell 12.8V pack </p>

Charging Curve



Note: Red = 0.5C rate, Black = 1.0C rate, Blue = 3.0C rate

Discharge Curve

