



LiFePO₄ is currently the leading battery technology for powering electric vehicles due to their high energy and power density, robust nature and exceptional cycle life (typically 2000-3000 cycles).

Headway cells have a slightly higher energy density than the larger prismatic cells but offer much higher discharge rates at around 10C (100A from one 10Ah cell).

These cylindrical cells have M6 threaded terminals on either end for easy, reliable connection. We also sell suitable connectors and holders for building these cells into packs.

3.2V 50AH Lifepo4 Cylinder Lithium ion Battery Cell

Specification	
Nominal Voltage	3.2V
Nominal Capacity(0.5C,25℃)	50Ah
Weight(Approximate)	1.6kg
Dimension(Diameter*Height)	Φ63*219mm
Standard Discharge(25℃)	
Max. Continuous Discharge Current	100A
Discharge Cut-off Voltage	2.5V
Standard Charge	
Max. Charge Voltage	3.65V
Max. Charge Current	100A
Resistance and rates	
Internal Resistance	≤1.5mΩ
Self-discharge rate	≤5% per Month
General Features	
Cycle life	2000 cycles (≥ 40AH)
Storage temperature	Within 1 month -20~45℃
	Within 6 months -20~35℃