



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.

Specifications of 18650-3 Battery

Nominal Voltage	3.7V
Nominal Capacity(0.5C,25℃)	2000mAh
Weight(Approximate)	Approx.65g
Dimension(Length*Width*Height)	Φ18±0.5mm*H65±1mm
Standard Discharge:25℃	
Max. Continuous Current	1.5C(3A)
Max. 30 sec. Pulse	3C(6A)
Cut-off Voltage	3.0V
Standard Charge:	
Charge Voltage	4.2V±0.05V
Recommended Charge Current	1A
Charge Time	3 hours
Resistance and rates:	
Internal Resistance	≤80mΩ
Self-discharge rate	≤5% per Month