



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 40160 Battery

No.	Item		Specification
1	Normal Capacity		16000mAh(0.5C)
2	Item Normal Voltage		3.2V
3	Inter impedance		$\leq 8\text{m}\Omega$
4	Maximum Charge Current		5C (80A)
5	Maximum Charge Voltage		$3.65 \pm 0.05\text{V}$
6	Maximum continuous Discharge Current		10C (160A)
7	discharge stop voltage		2.0V
8	dimension	Diameter	$40 \pm 1\text{mm}$
		Height	$160 \pm 1\text{mm}$
9	weight		Approve. 500g
10	Work temperature	charge	0~45°C
		discharge	-20~60°C
11	Store temperature	In one month	-20~45°C
		In six month	-20~35°C