



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 40152S Battery

Items		Specification
Nominal capacity		15000mAh (0.5c)
Nominal voltage		3.2V
Battery internal resistance		≤8mΩ
Maximum charge current		3C (45A)
Maximum charge voltage		3.65±0.05V
Maximum discharge current		10C (150A)
Cut-off discharge voltage		2.0V
Maximum dimensions	Diameter	40±1mm
	Height	165.5 ±0.5mm
Weight		About 480g
Operating temperature	Charge	0~45℃
	Discharge	-20~60℃
Storage temperature	Within one month	-20~45℃
	Within 6 months	-20~35℃