

UI04H02010 BATTERY

Technical Datasheet

Technical Specifications

Part No.	UI04H02010
Chemistry	Lithium Iron Phosphate (LiFePO4)

Electrical Parameters

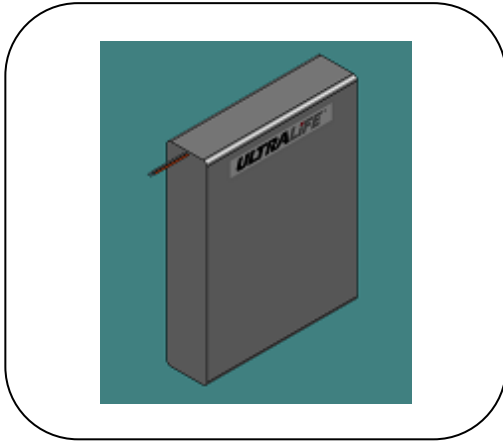
Nominal voltage	12.8 V
Nominal capacity	6 Ah
Max. charge current	5 A Max
Max. charge voltage	14.6 V
Cont. discharge	5 A Max
Life expectancy @ 25°C 0.2C Charge/0.2C Discharge	>2000 cycles with min 80% of initial capacity
Energy	76.8 Wh

Safety Parameters PCM

Over-charge detection voltage	3650mV/cell ± 0.025 Volts
Over-discharge detection voltage	2500mV/cell ± 0.063 Volts
Operating temperature	0°C to 45°C (charge) -20°C to 60°C (discharge)
Storage temperature	-20°C to 60°C max -20°C to 20°C recommended

Physical Parameters

Length	146 mm
Width	112 mm
Height	30 mm
Weight	750 grms
Contacts Output	Flying Leads - 600mm 2.5 Sq mm
Enclosure	PVC Shrink Wrap



Features

- High energy density.
- Built-in Protection Module
- Comprehensive charging/ discharging and passive safety systems.

Application

- Suitable for use in Lighting System and Back-Up Systems

Dimensional Drawing

