

# UI04H20003 BATTERY

## Technical Datasheet - Tentative

### Technical Specifications

Part No.	UI04H20003
Chemistry	Lithium Iron Phosphate (LiFePO4)

### Electrical Parameters

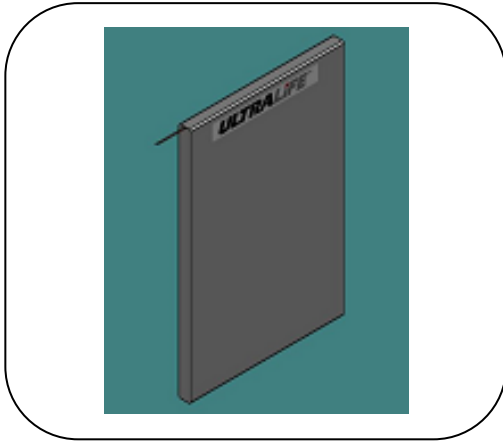
Nominal voltage	12.8 V
Nominal capacity	30 Ah
Max. charge current	5 A
Max. charge voltage	14.6 V
Cont. discharge	10 A
Peak discharge	10 A
Life expectancy @ 25°C 0.2C Charge/0.2C Discharge	>2000 cycles with min 80% of initial capacity
Energy	384 Wh

### 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	440mm
Width	285mm
Height	22mm
Weight	4.2 kgs
Contacts Output	Flying Leads
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

