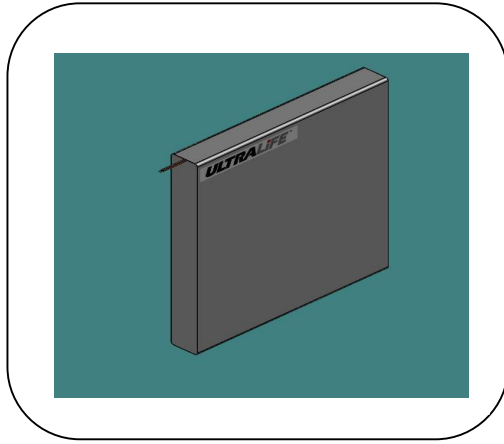


# UI06H04005 BATTERY

## Technical Datasheet - Tentative



### 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

### Technical Specifications

Part No.	UI06H04005
Chemistry	Lithium Iron Phosphate (LiFePO4)

#### Electrical Parameters

Nominal voltage	19.2 V
Nominal capacity	12 Ah
Max. charge current	5 A
Max. charge voltage	21.9 V
Cont. discharge	5 A
Peak discharge	5 A
Life expectancy @ 25°C 0.2C Charge/0.2C Discharge	>2000 cycles with min 80% of initial capacity
Energy	230.4 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	218mm
Width	240mm
Height	30mm
Weight	22500 grms
Contacts Output	Flying Leads 2.5Sqmm 600mm
Enclosure	PVC Shrink Wrap

UI06H04005

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# Dimensional Drawing

