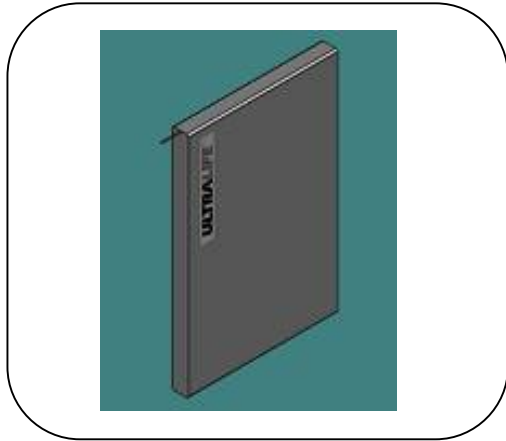


# UI04H11002 BATTERY

## 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.	UI04H11002
Chemistry	Lithium Iron Phosphate (LiFePO <sub>4</sub> )

### Electrical Parameters

Nominal voltage	12.8 V
Nominal capacity	16.5 Ah
Max. charge current	5 A
Max. charge voltage	14.6 V
Cont. discharge	10 A Max
Life expectancy @ 25°C 0.2C Charge/0.2C Discharge	>2000 cycles with min 80% of initial capacity
Energy	211.2 Wh

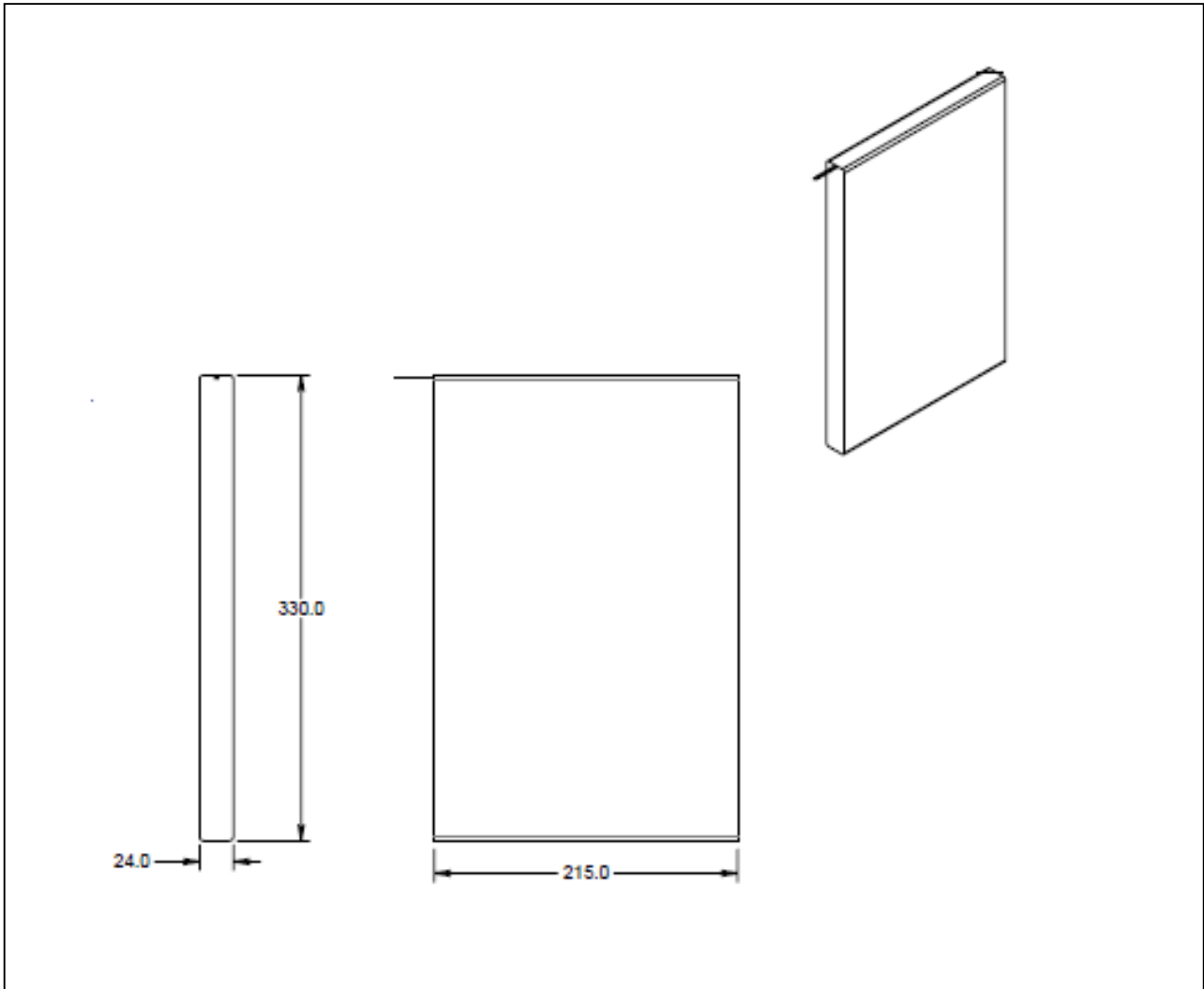
### Safety Parameters PCM

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	330 mm
Width	215 mm
Height	24 mm
Weight	2300 grms
Contacts Output	Flying Leads
Enclosure	PVC Shrink Wrap

# Dimensional Drawing



UI04H11002

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