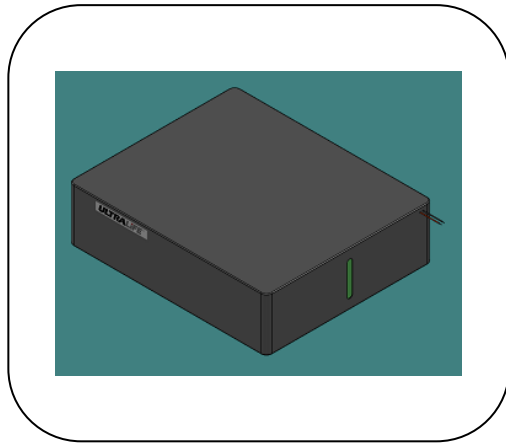


# UI08H07006 BATTERY

## Technical Datasheet - Tentative

### Technical Specifications



### Features

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

### Application

- Suitable for use with Communication Systems, Medical application and Robotics

Part No.	UI08H07006
Battery	Lithium Iron Phosphate (LiFePO4)

### Electrical Parameters

Nominal voltage	25.6V
Nominal capacity	21Ah
Max. charge current	10 A
Max. charge voltage	29.2V
Cont. discharge	20 A
Peak discharge	20 A
Life expectancy @ 25°C 0.2C Charge/0.2C Discharge	>2000 cycles with min 80% of initial capacity
Energy	537.6 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	240mm
Width	200mm
Height	68mm
Weight	5000 Kgs
Contacts Output	Flying Leads
Enclosure	PVC Shrink Wrap

UI08H07006

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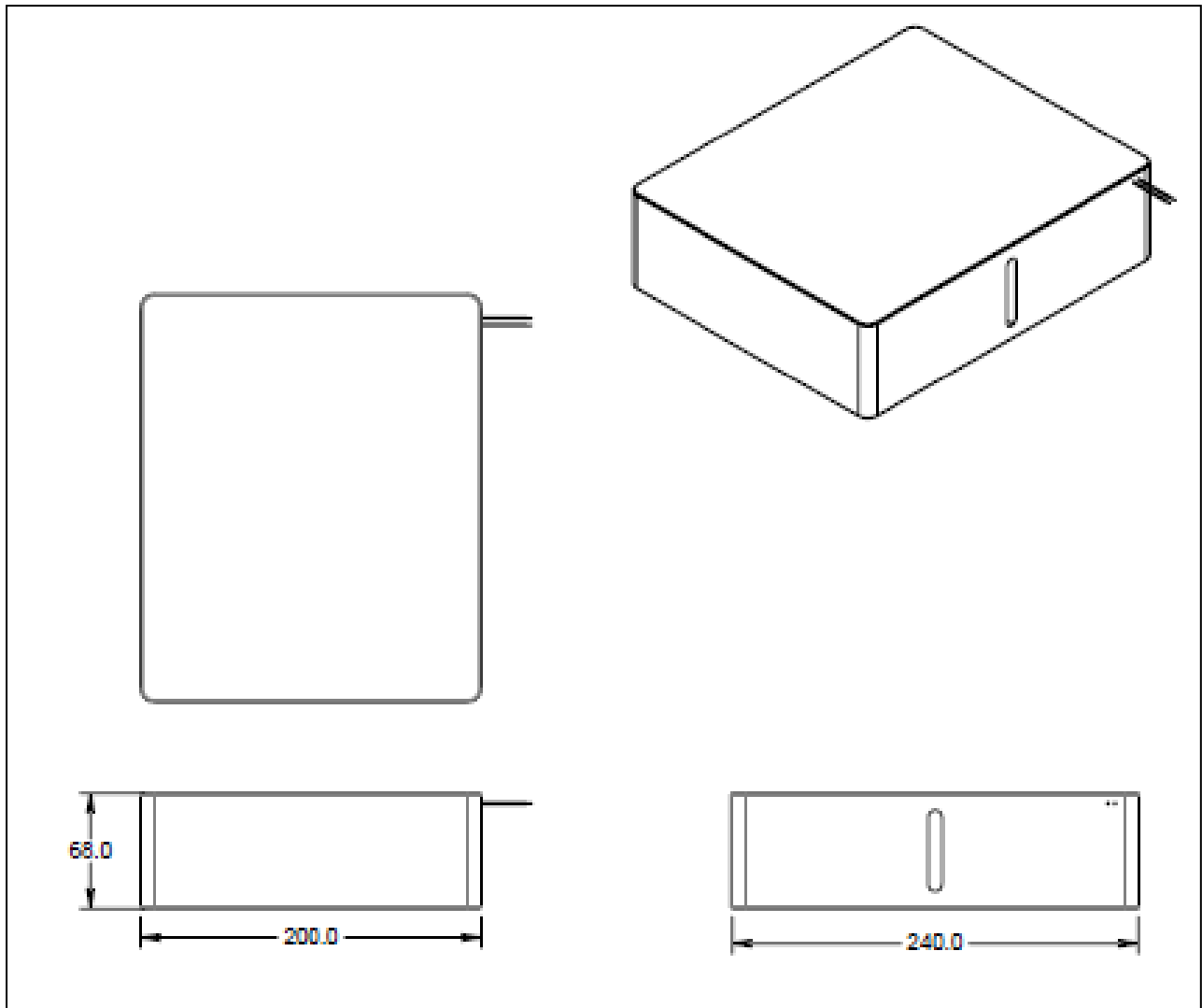
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# Drawing



UI08H07006

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