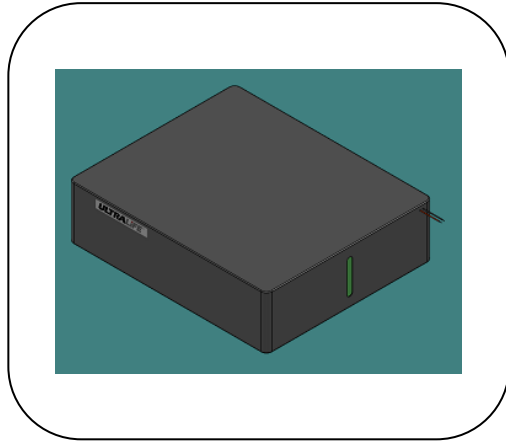


UI08H08004 BATTERY

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.	UI08H08004
Battery	Lithium Iron Phosphate (LiFePO4)

Electrical Parameters

Nominal voltage	25.6V
Nominal capacity	24Ah
Max. charge current	10 A
Max. charge voltage	29.2V
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	614.4 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	240mm
Width	230mm
Height	68mm
Weight	5300 Kgs
Contacts Output	Flying Leads
Enclosure	PVC Shrink Wrap

UI08H08004

Ultralife Batteries India Private Limited

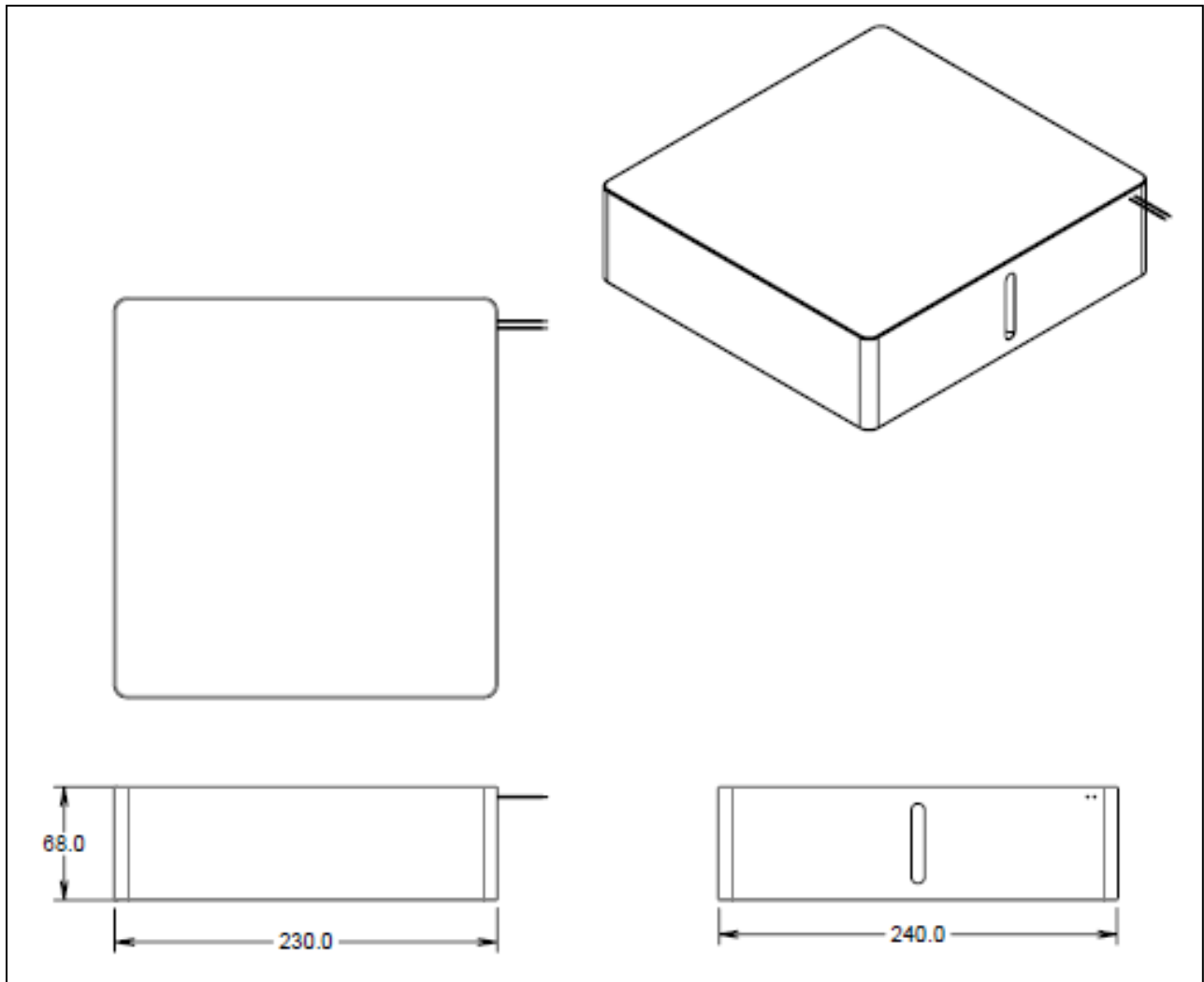
No. 38B1 Part, Doddanakundi Industrial Area, 1st Phase, Mahadevapura, Bangalore 560 048

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Drawing



UI08H08004

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