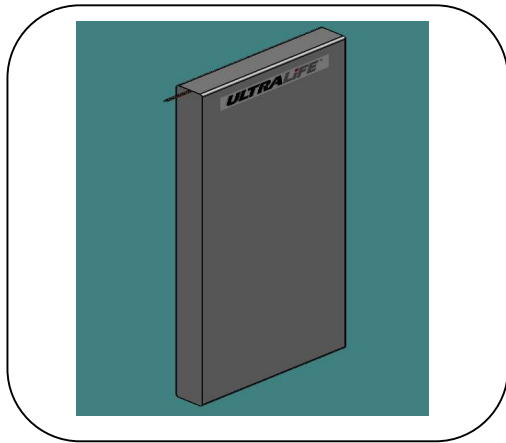


UI06H07003 BATTERY

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.	UI06H07003
Chemistry	Lithium Iron Phosphate (LiFePO4)

Electrical Parameters

Nominal voltage	19.2 V
Nominal capacity	21 Ah
Max. charge current	10 A
Max. charge voltage	21.9 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	403.2 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	440mm
Width	190mm
Height	30mm
Weight	3500 grms
Contacts Output	Flying Leads 2.5Sqmm 600mm
Enclosure	PVC Shrink Wrap

UI06H07003

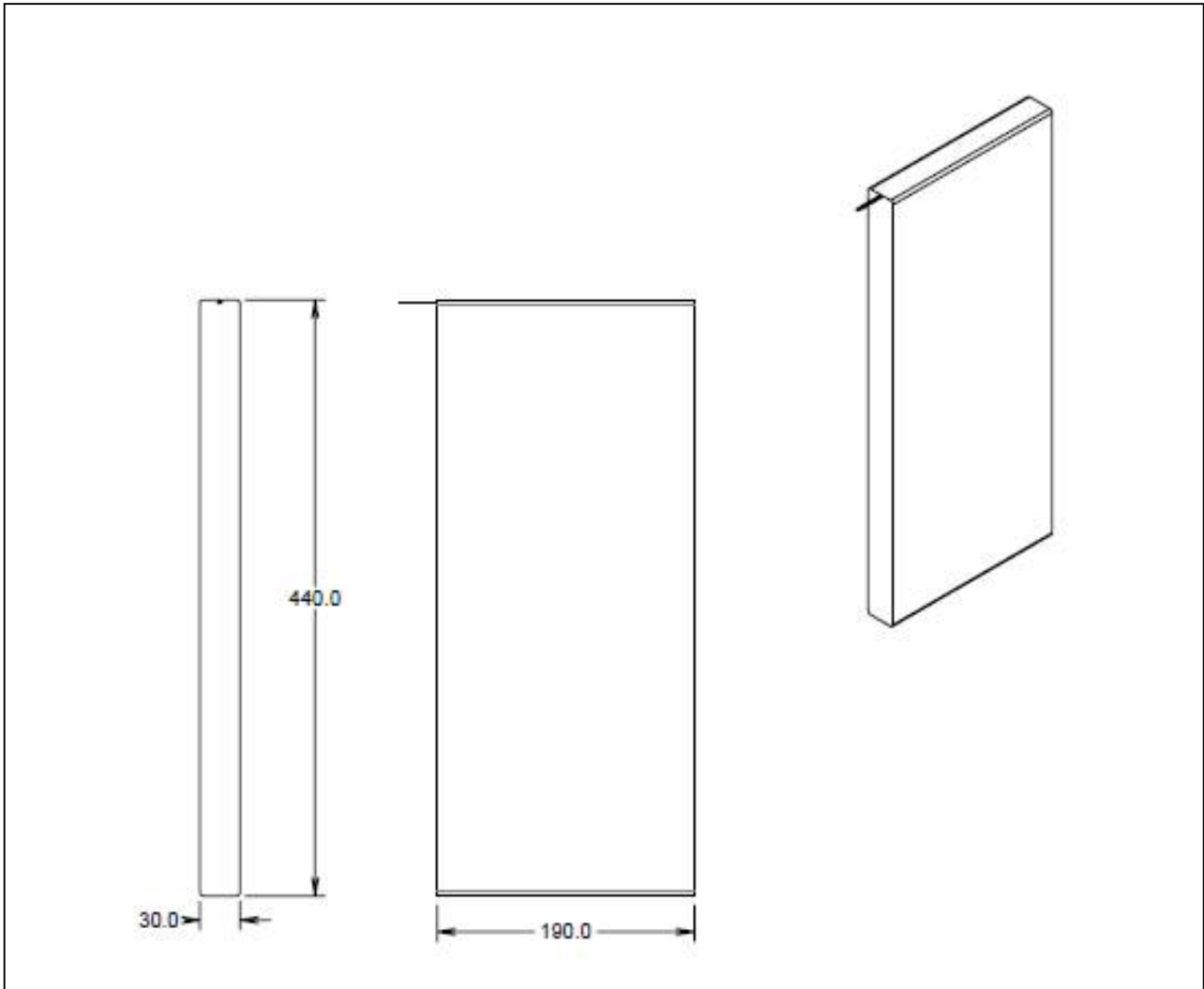
Ultralife Batteries India Private Limited

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

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Dimensional Drawing



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