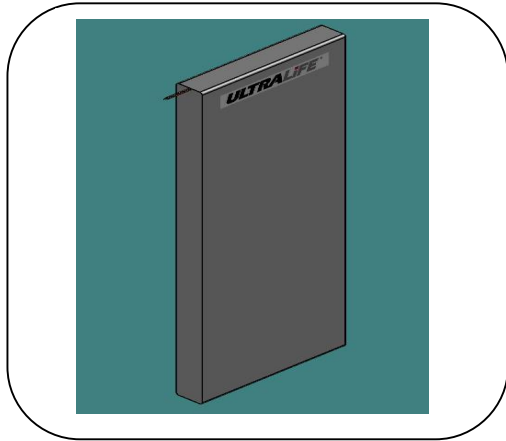


UI06H06003 BATTERY

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.	UI06H06003
Chemistry	Lithium Iron Phosphate (LiFePO ₄)

Electrical Parameters

Nominal voltage	19.2 V
Nominal capacity	18 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	345.6 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	440mm
Width	165mm
Height	30mm
Weight	3000 grms
Contacts Output	Flying Leads 2.5Sqmm 600mm
Enclosure	PVC Shrink Wrap

UI06H06003

Ultralife Batteries India Private Limited

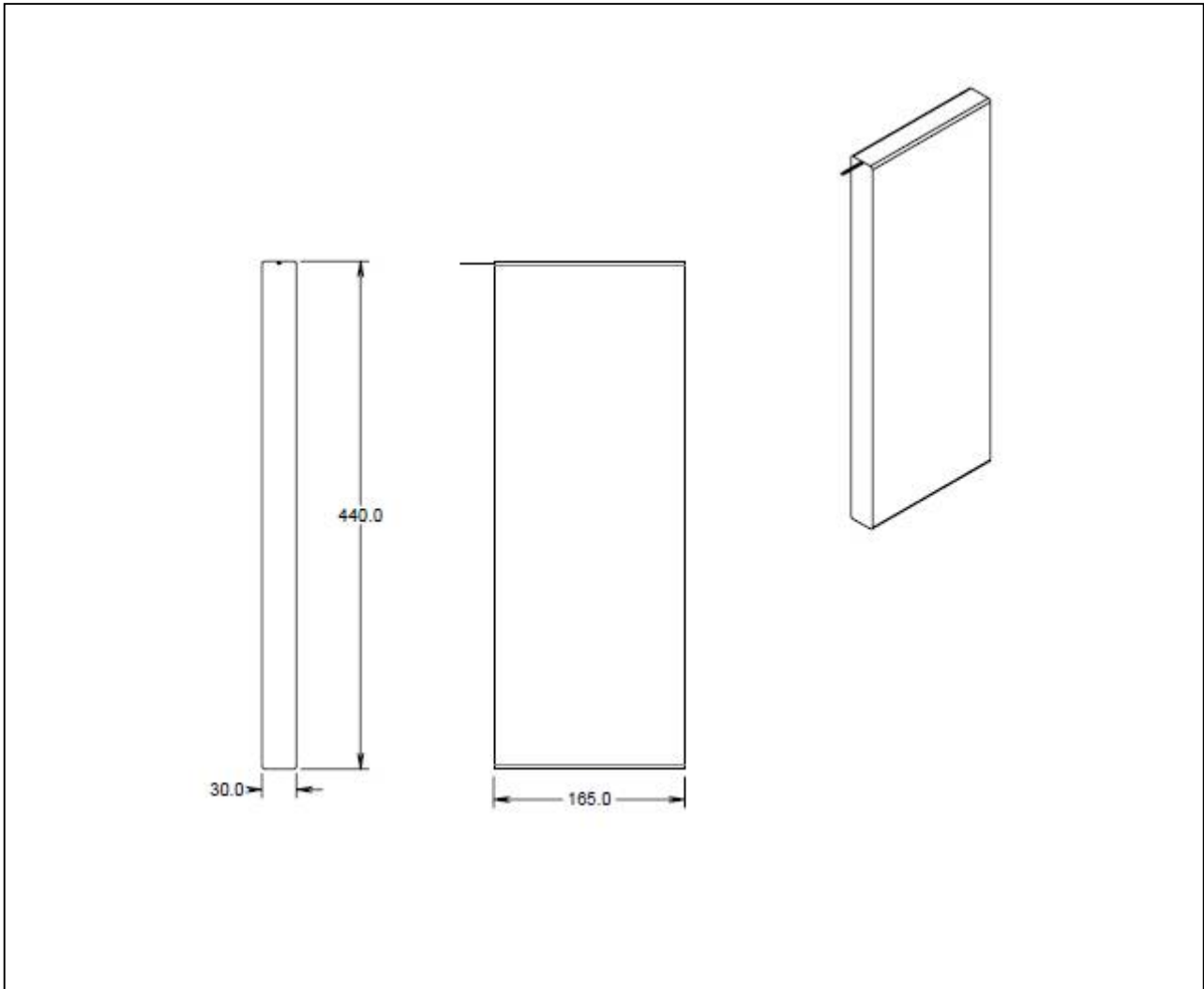
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Dimensional Drawing



UI06H06003

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