

UI15H02002 BATTERY

Technical Datasheet - Tentative

Technical Specifications

Part No.	UI15H02002
Chemistry	Lithium Iron Phosphate (LiFePO4)

Electrical Parameters

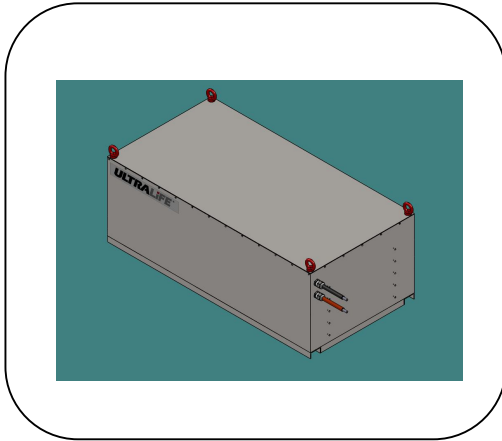
Nominal voltage	48V
Nominal capacity	400Ah
Max. charge current	50A
Max. charge voltage	54.75V
Cont. discharge	100A
Peak discharge	100A
Life expectancy @ 25°C 0.2C Charge/0.2C Discharge	>2000 cycles with min 80% of initial capacity
Energy	19.2KWh

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	975mm
Width	500mm
Height	355mm
Weight	260Kg
Contacts Output	Flying Leads
Enclosure	Sheet Metal Power Coated



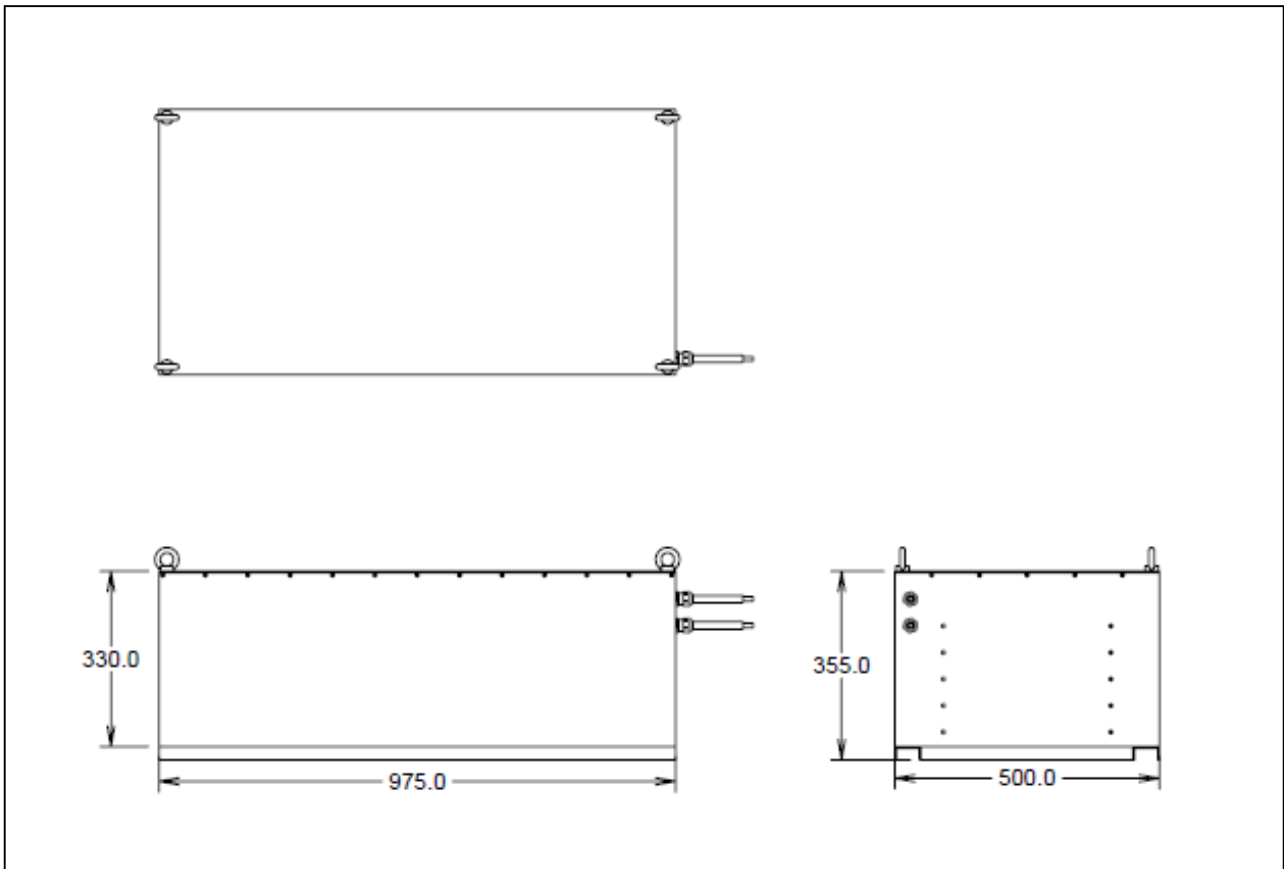
Features

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

Application

- Suitable for use with Tow Trucks and Industrial Robotics

Dimensional Drawing



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Ultralife Batteries India Private Limited

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

Phone : +91 80 28524680 , +91 80 28524690

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