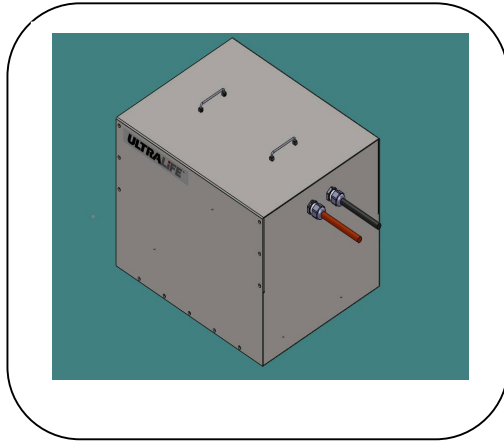


UI08H01001 BATTERY

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 Industrial Robotics, Backup systems and EV vehicles

Part No.	UI08H01001
Chemistry	Lithium Iron Phosphate (LiFePO4)

Electrical Parameters

Nominal voltage	25.6V
Nominal capacity	100 Ah
Max. charge current	20 A
Max. charge voltage	29.2V
Cont. discharge	100 A
Peak discharge	100 A
Life expectancy @ 25°C 0.2C Charge/0.2C Discharge	>2000 cycles with min 80% of initial capacity
Energy	2.5 KWh

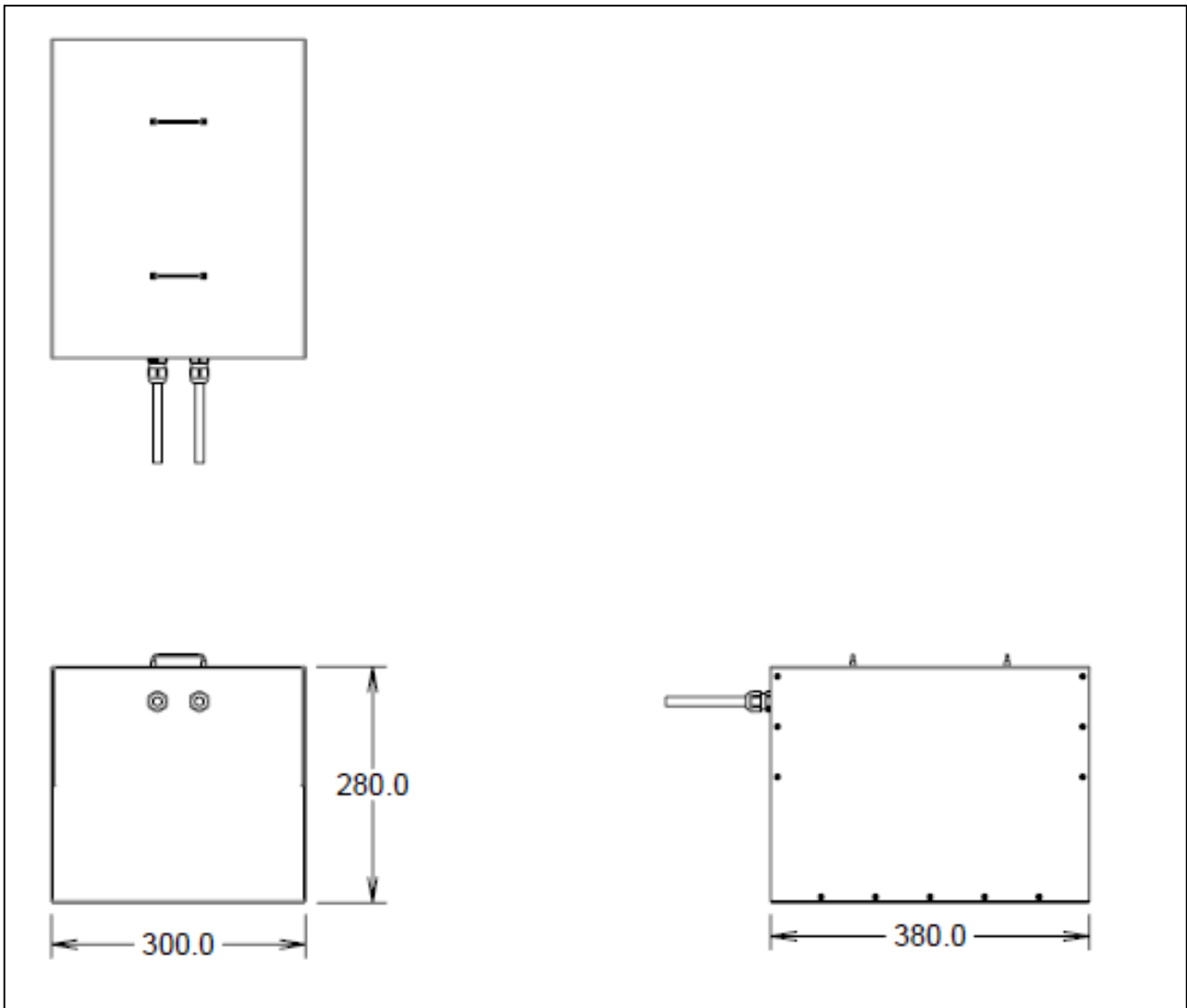
Safety Parameters PCM

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	300mm
Width	380mm
Height	280mm
Weight	35 Kg
Contacts Output	Flying lead
Enclosure	Sheet Metal Powder Coated

Dimensional Drawing



UI08H01001

Ultralife Batteries India Private Limited

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20 August 18 UI08H01001 Rev:0

Page 2 of 2