

UI08H26002 BATTERY

Technical Datasheet - Tentative

Technical Specifications

Part No.	UI08H26002
Chemistry	Lithium Iron Phosphate (LiFePO4)

Electrical Parameters

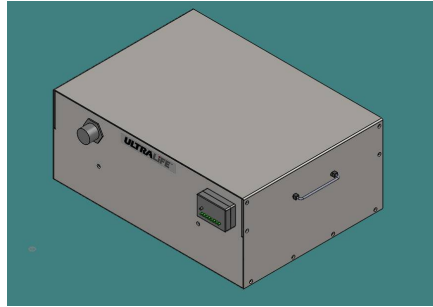
Nominal voltage	25.6 V
Nominal capacity	78 Ah
Max. charge current	20 A
Max. charge voltage	29.2 V
Cont. discharge	30 A
Peak discharge	30 A
Life expectancy @ 25°C 0.2C Charge/0.2C Discharge	>2000 cycles with min 80% of initial capacity
Energy	1.99 KWh
Diode Protection	ORing Diode P/N:MBR3060PT
State of Charge	Voltage based LED indicator

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	385mm
Width	280mm
Height	158mm
Weight	20 Kgs
Contacts Output	Connector: P/N:D38999/26WD19SN Terminals: Charger Input Discharge Output GND Common
Enclosure	Sheet Metal Powder Coated



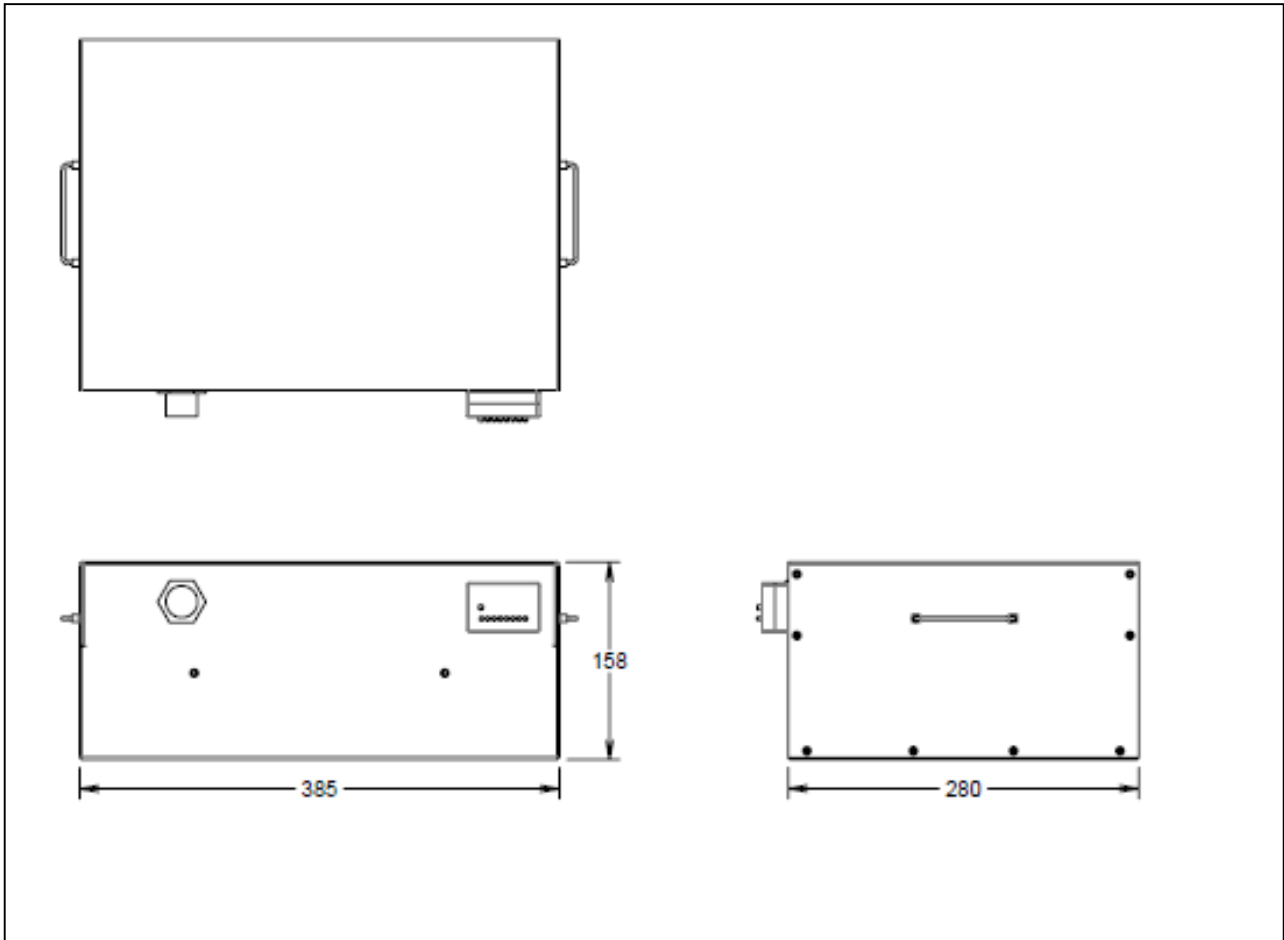
Features

- High energy density.
- Built-in Protection Module
- Comprehensive charging/ discharging and passive safety systems.
- With ORing Diode protection
- With State of Level LED indicator

Application

- Suitable for use in Backup System and Industrial Robotics

Dimensional Drawing



UI08H26002

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