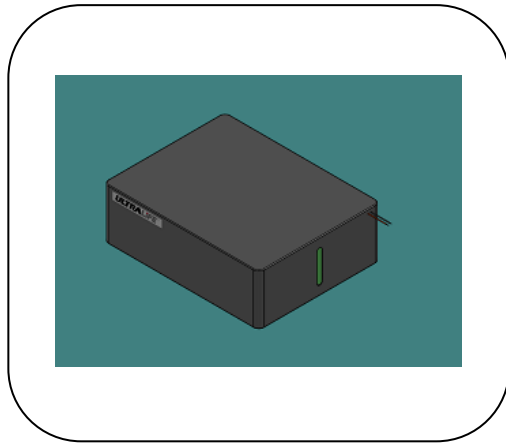


UI08H06003R2 BATTERY

Technical Datasheet - Tentative

Technical Specifications



Part No.	UI08H06003R2
Chemistry	Lithium Iron Phosphate (LiFePO4)

Electrical Parameters

Nominal voltage	25.6V
Nominal capacity	18 Ah
Max. charge current	10 A
Max. charge voltage	29.2V
Cont. discharge	18 A
Peak discharge	18 A
Life expectancy @ 25°C 0.2C Charge/0.2C Discharge	>2000 cycles with min 80% of initial capacity
Energy	460.0Wh

Features

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

Application

- Suitable for use with Solar Street light application and Robotics

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	230mm
Width	180mm
Height	68mm
Weight	4200g
Contacts Output	Flying Leads with 2.5 sq mm of Standard 600 mm Length
Enclosure	PVC Shrink Wrap

UI08H06003R2

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Drawing

