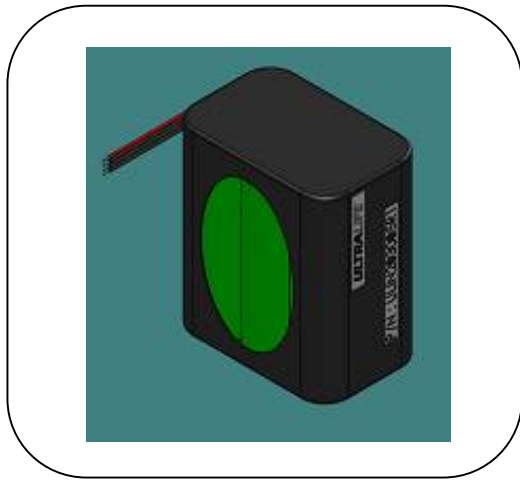


# ULIN203005R1 BATTERY

## Technical Datasheet



### Technical Specifications

Part No.	ULIN203005R1
Chemistry	Lithium Ion
<b>Electrical Parameters</b>	
Nominal voltage	7.4V
Nominal capacity	8700mAh
Max. charge current	4000mA
Max. charge voltage	16.8V
Cont. discharge	7000mA
Peak discharge	7000mA
Life expectancy @ 25°C 0.2C Charge/0.2C Discharge	>300 cycles with min 80% of initial capacity
Energy	64.0Wh

### Features

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

### Application

- Suitable for use with Communication Systems and for Medical application

### Safety Parameters PCM

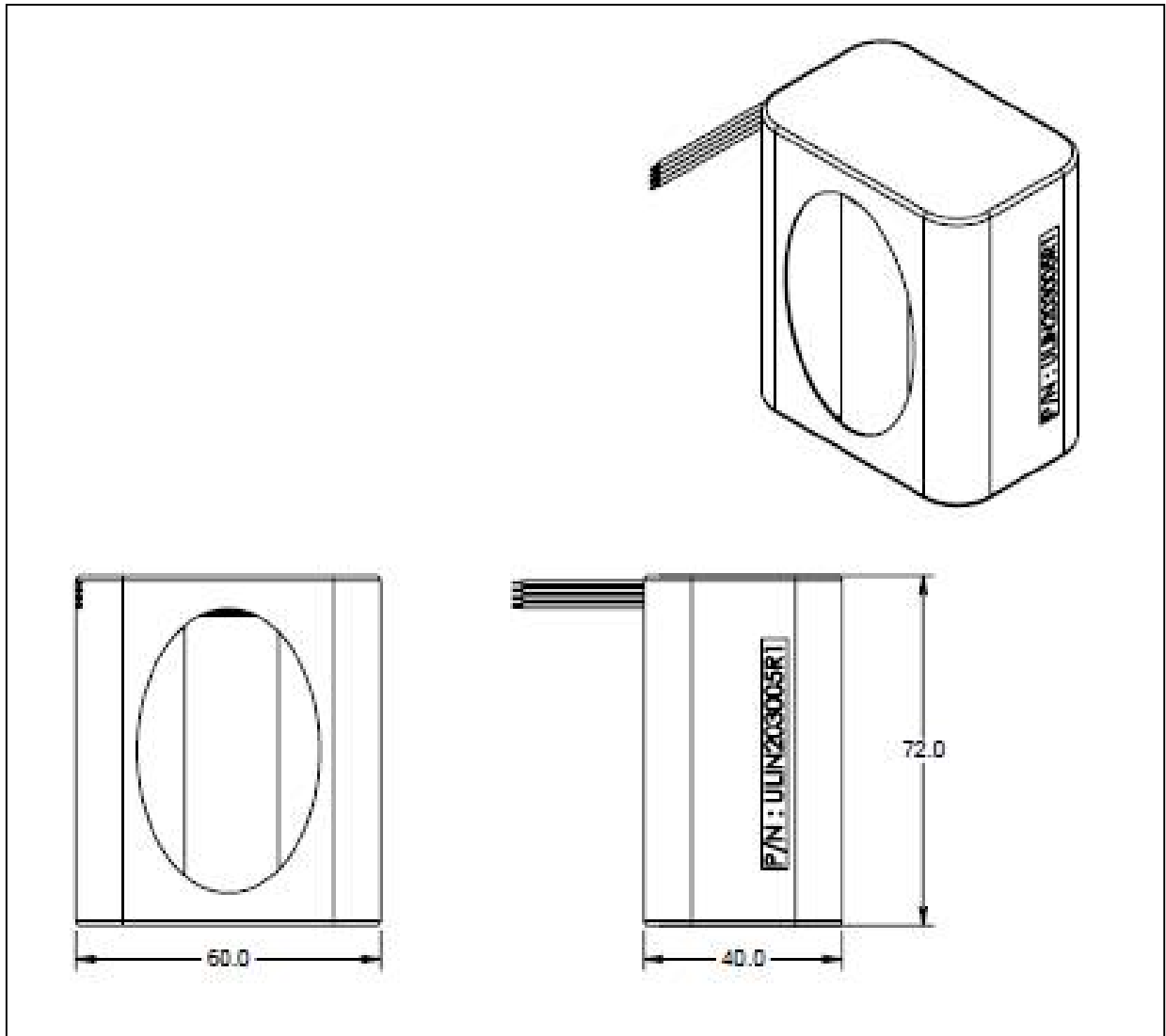
Over-charge detection voltage	4350mV/cell ± 0.025 Volts
Over-discharge detection voltage	2350mV/cell ± 0.10 Volts
Operating temperature	0°C to 45°C (charge) -20°C to 60°C (discharge)
Storage temperature	-20°C to 60°C max -20°C to 20°C recommended

### Dimensions

Length	60mm
Width	40mm
Height	72mm
Weight	310g
Contacts	Flying leads Red – Positive(+) – 300mm length Black – Negative (-) – 300mm length Blue – SCL – 300mm length Orange – SDA – 300mm length
Basic cell type	18650 (2S3P)
Enclosure	PVC Shrink Wrap

Note: Flue gauge PCBA supplied by customer

# Drawing



ULIN203005R1

Ultralife Batteries India Private Limited

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

Phone : +91 80 28524680 , +91 80 28524690

18 July19 ULIN203005R1 Rev:0