

# URB0025: X5 Hold-up Battery

## Preliminary Technical Datasheet



The URB0025 is ULTRALIFE's 72Wh optional hold-up battery for the URS-X5-01 and provides more than five minutes of device operation whilst batteries are swapped.

The use of highly reliable Lithium Iron Phosphate (LiFePO<sub>4</sub>) technology ensures the URS-X5-01 remains operational whenever hot-swap batteries need to be replaced.

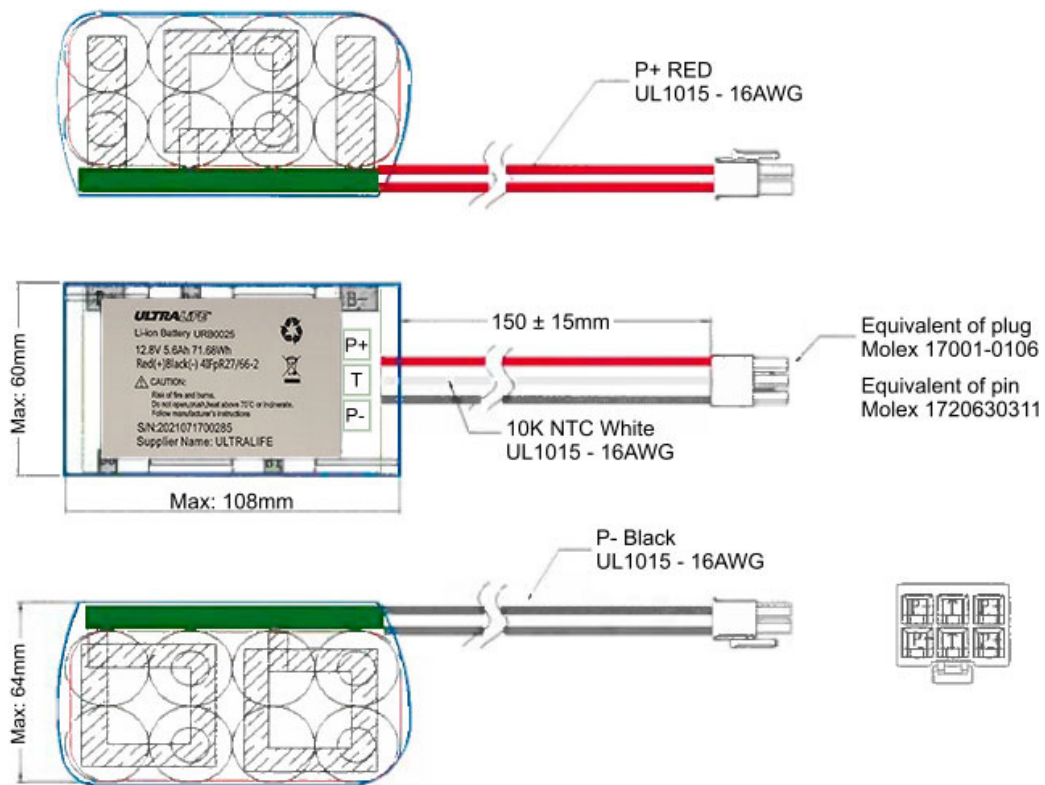
### Technical Specifications

Part No.	URB0025
Voltage Range	10.0 - 14.6V
Average Voltage	12.8V
Nominal Capacity	5.6Ah
Max. Continuous Discharge	20A
Max. Pulse Discharge <sup>1</sup>	40A
Energy	71.7Wh
Energy Density	87.4Wh/kg
Weight	820g
Cycle Life	>2,000 cycles
Memory	No Memory Effect
Operating Temperature	-20°C to +60°C discharging 0°C to +60°C charging
Storage Temperature	-20°C to +25°C
Internal Resistance	≤100mΩ
Self-Discharge @ +23°C	<5% per month
Exterior/Housing	Blue PVC Shrink Wrap
Terminals/Connector	Molex Connector: 170001-0106 Molex Termination: 1720630311
Dimensions	108mm (length) x 64mm (width) x 69mm (height)
Protection	Over Charge: 3.65 ± 0.025V (per cell) Over Discharge: 2.30 ± 0.05V (per cell) Over Current: 55-70A >500-1500ms Over Temperature: None Short Circuit: Yes, auto recovery Cell Balancing: Yes
Charging	2.8A @ 14.2V, 14.2V cont to 112mA cut-off
Certifications	CB scheme (ID: DK-118831-UL)
Transportation	UN 3480 Dangerous Goods Class 9, Total Energy <100Wh If packed in or with equipment (UN 3481) contact Ultralife for guidance or other questions. UN Testing Summary - UNTS-0259

### Notes

1. Load has a pulse width of 5ms.

## Dimensions



URB0025

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