

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 (LiFePO4) 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 Discharge¹	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: Over Discharge: Over Current: Over Temperature: Short Circuit: Cell Balancing:	3.65 ± 0.025V (per cell) 2.30 ± 0.05V (per cell) 55-70A >500-1500ms None Yes, auto recovery 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

