

Part Number: L148A68-8-12-2W

Technical Datasheet



**CELLS ARE
UL 1642
COMPLIANT**

Features:

- Off-the-shelf convenience
- Wire or connector terminals
- Full circuit protection
- Long cycle life
- High energy density
- Wide operating temperature range
- Lightweight

Applications:

- Hand-held devices
- Medical equipment
- Consumer Devices
- Military
- Automotive
- Backup Power
- Many, Many more

Cell Information	ICR-18650 (8 cells in series/parallel) (4S2P)
Nominal Voltage (Wh)	14.8V (100.7Wh)
Nominal Capacity	6800mAh @ C/5 Rate
Dimensions / Description	72mm x 36mm x 69 mm 2.8" x 1.4" x 2.7" Shrink Wrap with 6" long, UL1007, AWG26 Red and Black Wire
Configuration	8 cells. 2 rows of 4 (4S2P)
Packing	Individually Bagged inside chipboard box
Weight	16oz (453 grams)
Cycle Life	> 300 cycles @ C/5 to 80% of capacity
Memory	No Memory Effect
Temperature Range	Charge: 0°C to 45°C Discharge: -20°C to 60°C
Self-Discharge	< 10% per month
Exterior/Housing	PVC Shrink Wrap
Discharge rates	Standard Discharge Rate: 0.2C Maximum Discharge Rate: 3Ah
Charging rates:	Constant Current: 0.2C (Voltage: 16.8V) Maximum charge rate: 2000mAh
Protection Circuit Module	Over Charge Detection Voltage: 16.8V Under Discharge Release Voltage: 10.0V Excess Current Threshold 5A

This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specifications are subject to modification without notice. Contact Dantona for the latest information.

Warnings:

Improper usage can cause explosion or fire. Do not charge pack unattended. Do not reverse charge or reverse connect or short circuit the pack. Stop using the pack if it expands or the temperature is over 70C or 160F. Store the battery in a place that infants or kids can't get at. Do not expose battery to direct sunlight.