

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

<b>Cell Information</b>	ICR-18650 (8 cells in series/parallel) (4S2P)
<b>Nominal Voltage (Wh)</b>	14.8V (100.7Wh)
<b>Nominal Capacity</b>	6800mAh @ C/5 Rate
<b>Dimensions / Description</b>	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
<b>Configuration</b>	8 cells. 2 rows of 4 (4S2P)
<b>Packing</b>	Individually Bagged inside chipboard box
<b>Weight</b>	16oz (453 grams)
<b>Cycle Life</b>	> 300 cycles @ C/5 to 80% of capacity
<b>Memory</b>	No Memory Effect
<b>Temperature Range</b>	Charge: 0°C to 45°C  Discharge: -20°C to 60°C
<b>Self-Discharge</b>	< 10% per month
<b>Exterior/Housing</b>	PVC Shrink Wrap
<b>Discharge rates</b>	Standard Discharge Rate: 0.2C  Maximum Discharge Rate: 3Ah
<b>Charging rates:</b>	Constant Current: 0.2C (Voltage: 16.8V)  Maximum charge rate: 2000mAh
<b>Protection Circuit Module</b>	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.