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BTT-LON-207WH-SMBUS

Rechargeable Lithium-ion Battery - Military Grade Construction - Dual LCD Display - SMBus Interface

Product ID: 149186

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

BTT-LON-207WH-SMBUS Battery

Battery Type: Lithium-ion
Voltage Range: 30V Mode: 24.0 to 33.6V; 15V Mode: 12.0 to 16.8V
Average Voltage: 30V Mode: 28.8V; 15V Mode: 14.4V
Capacity: 30V Mode: 7.2Ah @ 0.5A @ 23°C; 15V Mode: 14.4Ah @ 1.0A @ 23°C
Max Discharge: 30V Mode: 6.0A continuous; 15V Mode: 12.0A continuous
Max Pulse Discharge: 30V Mode: 18.0A for 5 seconds; 15V Mode: 36.0A for 5 seconds
Energy: 207Wh
Energy Discharge: 144Wh/kg, 230Wh/l
Weight: 3.17 lbs
Cycle Life: > 300 cycles @ C/5 to 80% of initial capacity @ 100% depth of discharge
Operating & Storage Temp: -32°C to 60°C
Self-Discharge: < 5% per month
Housing Material: Hard plastic, black
Self-Discharge: < 5% per month

Ratings/Approvals

Meets MIL-PRF-32052/1
Rugged, military tough case construction
Flexible output voltage
State-of-Charge display
High energy density
Implements SMBus v1.1 smart battery technology

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
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E-mail: sales@larsonelectronics.com

The BTT-LON-207WH-SMBUS Rechargeable Lithium-ion Battery is designed to be used in a wide array of portable applications where military-grade power is required. This rechargeable battery is used in a wide range of military applications including robotics, AUVs, UUVs and military communications

The BTT-LON-207WH-SMBUS is a heavy duty lithium-ion battery with military grade construction for deep cycle use. This durable li-ion battery contains two independent battery sections which can be connected in a series or parallel. In 30V series mode, the battery operates between 33.6V and 24.0V (28.8V average) and delivers 7.2Ah. In 15V parallel mode, the battery operates between 16.8V and 12.0V (14.4V average) and delivers 14.4Ah.

The BTT-LON-207WH-SMBUS features dual LCD displays which indicate the state of charge for each section. This smart circuit technology allows compatible devices and chargers to communicate with the battery via its SMBus v1.1 compliant interface.

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Frequently Asked Questions (FAQ)

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Beam Information (Coverage, Datafile)**
- **Dimensional Drawing 2D**
- **EfficiencyImage**
- **MSDS (Material Safety Data Sheet**
- **Operations Manual**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**