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BTT-LON-7.2V-6.4AH-SMBUS

6.4 aH Rechargeable Lithium-ion Battery - Military Grade Construction - Dual LCD Display - SMBus Interface - 7.2 V Nominal

Product ID: 271019

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-7.2V-6.4AH-SMBUS Battery

Battery Type: Lithium-ion
Nominal Voltage: 7.2 V
Nominal Capacity: 6.4 aH
Charge Indicator: (2) 5 Segment LCD Displays
Dimensions: 2.57"-L x 1.52"-W x 3.74"-H
Weight: 0.57 lb
Standard Charge: With 8.4 V / 3 A Until Change Current Reach at 132 mA for Maximum 3 Hours
Standard Discharge Current: 1.32 A
Maximum Discharge Current: 10 A
End Of Voltage: 5.5 V (2.75 V w/ Cell)
Over Voltage Protection: 4.35 V ± 0.002 V / Cell – Setting Free 4.15 V / Cell
Under Voltage Protection: 2.75 V ± 0.002 V / Cell – Setting Free 3.0 V / Cell
Operating Temperature Range Charge: Between 0°C and +45°C - Discharge Between -20°C and +60°C
Storage Temperature: Recommended - <21°C - Permissible 60°C (Maximum 28 Days)
Housing Material: Hard Plastic - Black
SMBUS Compliant: Yes

Ratings/Approvals

Meets MIL-PRF-32052/1
Rugged, Military Tough Case Construction
State-of-Charge display
SMBUS Compliant
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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The BTT-LON-7.2V-6.4AH-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-7.2V-6.4AH-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. With a nominal voltage of 7.2 V, this battery delivers 6.4 Ah.

The BTT-LON-7.2V-6.4AH-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.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

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Export Control Classification Number (ECCN): EAR99

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Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**