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AGM-12V-100AH-FT

100aH Sealed Lead Acid Rechargeable Battery – AGM Technology – 12V Nominal – Front Threaded Terminals

Product ID: 330300

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



Image: AGM-12V-100AH-FT

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.

AGM-12V-100AH-FT Rechargeable Sealed Lead Acid Battery
Type: Valve-Regulated Lead Acid (VRLA), Absorbent Glass Mat (AGM)
Battery Type: Rechargeable Sealed Lead Acid
Battery Dimensions: 13.46" L x 6.69" W x 8.58" H (≈9.0" Terminal Height)
Weight: 72.6 lbs
Temperature Rating (Charge): 32°F to 104°F (0°C to 40°C)
Temperature Rating (Discharge): 5°F to 113°F (-15°C to 45°C)
Nominal Voltage: 12V

Internal Resistance: Approximately 3mΩ

Charge Method: Constant Voltage
Cycle Use: Repeating Use
Initial Current: 30 A or smaller
Control Voltage: 14.6-14.8V
Float Use - Control Voltage: 13.5–13.8V
Terminal Type: Recessed Threaded Terminals

Nominal Capacity @ 77° F (25°C)
15-min (to 1.67V/cell)**:** 390 W
20-hr (5.0A): ~100 Ah
10-hr (9.3A): ~90 Ah
5-hr (17A): ~80–85 Ah
1-hr (60A): ~60 Ah

Temperature Dependency of Capacity (20 hour rate)
104°F (40°C): 102%, 77°F (25°C)- 100%, 32°F (0°C)- 85%, 5°F (-15°C)- 65%
D.O.T., I.A.T.A., F.A.A. and C.A.B. Certified
Air Transport Approved

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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Buy American Compliant

The AGM-12V-100AH-FT from Larson Electronics is a high-rate 100aH class sealed lead acid battery designed as a replacement power source for UPS systems, solar towers, backup systems, and other industrial applications. This rechargeable sealed lead acid battery features a 12V nominal voltage and weighs approximately 72.6 pounds, providing reliable high-rate discharge performance for demanding loads. Spill-proof VRLA construction ensures the AGM-12V-100AH-FT can be safely mounted and operated in any position, increasing installation flexibility in mission-critical environments.

The AGM-12V-100AH-FT is a heavy duty sealed lead acid battery with AGM construction for deep cycle use. Absorbant Glass Mat (AGM) technology provides excellent control and stability of the acids contained within the battery, allowing the battery to be operated in any position without leakage. This rechargeable lead acid battery is spill proof and approved for air transport. D.O.T., I.A.T.A., F.A.A. and C.A.B. certified. U.L. recognized under file number MH 20567.

The AGM-12V-100AH-FT has a very good shelf life when stored at 77°F (25°C). When stored at that temperature, the AGM-12V-100AH-FT retains 91% of its full capacity after three months, 82% after six months and 64% after a full year of storage. The optimal charging temperature range for this sealed lead acid battery is between 0°C to 40°C while the temperature range for battery discharge is from -15°C to 45°C.

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)

There are no Faqs

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