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AGM-12V-100AH-M6

100aH Sealed Lead Acid Rechargeable Battery - AGM Technology - 12V Nominal - M6 Terminals

Product ID: 242905



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-M6 Rechargeable Sealed Lead Acid Battery
Type: Absorbant Glass Mat (AGM)
Battery Type: Rechargeable Sealed Lead Acid
Battery Dimensions: 12.17" L x 6.61" W x 8.3" H (9.16" Terminal Height)
Weight: 64 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 5mOHMS

Charge Method: Constant Voltage
Cycle Use: Repeating Use
Initial Current: 30 A or smaller
Control Voltage: 14.6-14.8V
Float Use - Control Voltage: 13.6-13.8V
Terminal Type: M6 Terminals

Nominal Capacity @ 77° F (25°C)
20-hr. (5.0A) 100 Ah
10-hr. (9.3A) 93 Ah
5-hr. (17.0A) 85 Ah
1-hr. (60.0A) 60 Ah
3 Months- 91% 6 Months- 82% 12 Months- 64%

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%
Air Transport Approved
D.O.T., I.A.T.A., F.A.A. and C.A.B. Certified

Special Orders - Special Requirements
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The AGM-12V-100AH-M6 from Larson Electronics is a 100aH sealed lead acid battery that is ideal as a replacement for solar towers and other applications. This rechargeable sealed lead acid battery has a nominal voltage of 12V and weighs approximately 64 pounds. Spill proof construction means that the AGM-12V-100AH-M6 can be safely operated in any position which further increases the versatility of this rechargeable sealed lead acid battery.

The AGM-12V-100AH-M6 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. NRTL Certified to U.L. recognized under file number MH 20567.

The AGM-12V-100AH-M6 has a very good shelf life when stored at 77°F (25°C). When stored at that temperature, the AGM-12V-100AH-M6 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.

Frequently Asked Questions (FAQ)