

Axil 9Ah 12V VRLA

Valve Regulated Lead Acid Battery



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Our Valve Regulated Lead Acid rechargeable batteries with Absorbed Glass Mat technology are based on a lead dioxide system, with a dilute sulfuric acid electrolyte absorbed and immobilized within the separators and plates. Under normal operating conditions, the battery remains fully sealed - ensuring maintenance free, leak-proof performance and enabling operation in any orientation.

Product Features

- ✓ Absorbent Glass Mat technology enables up to 99% gas recombination, eliminating the need for electrolyte maintenance or water topping.
- ✓ Approved for air transport, compliant with IATA/ICAO Special Provision A67.
- ✓ UL-recognized component for assured safety and reliability.
- ✓ Flexible installation - can be mounted in any orientation.
- ✓ Advanced grid design using lead-calcium-tin alloy for high power density & performance.
- ✓ Extended service life, suitable for both float and cyclic applications.
- ✓ Completely maintenance-free operation.
- ✓ Low self-discharge rate for longer shelf life and standby readiness.

Construction

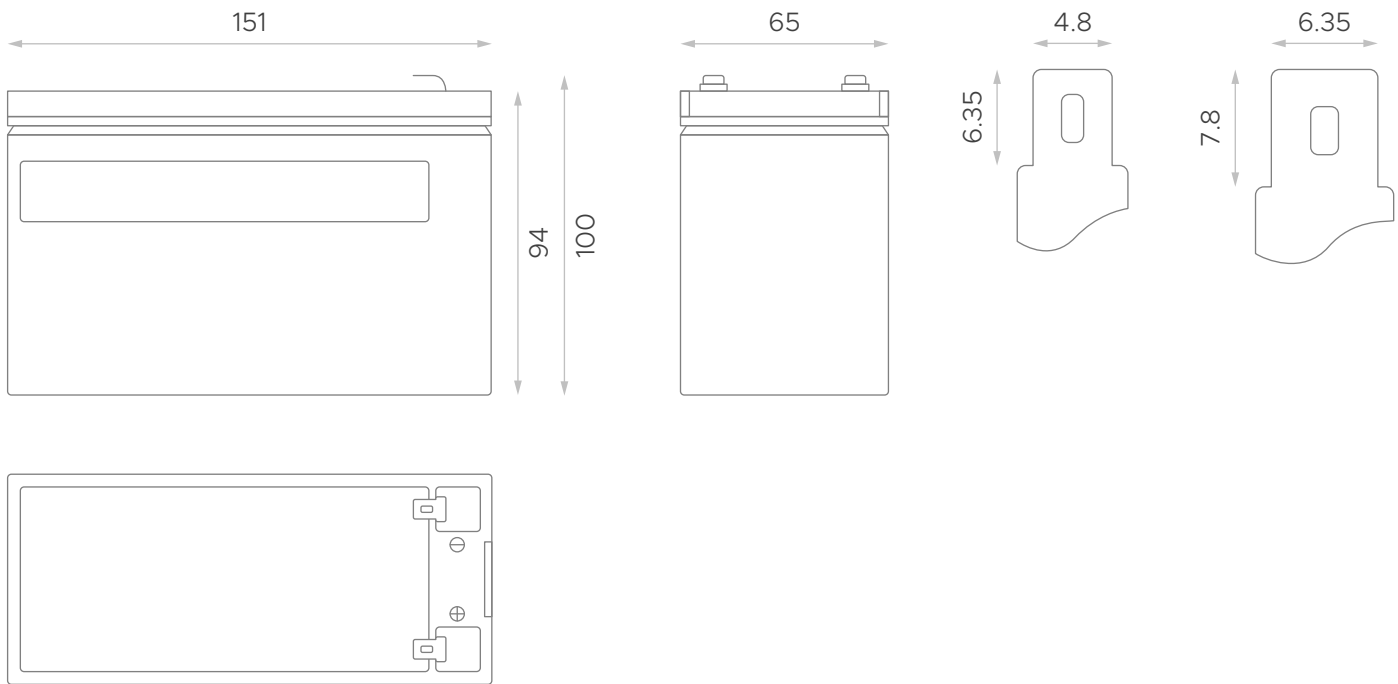
• Positive Plate	Lead dioxide
• Electrolyte	Sulfuric acid
• Separator	Fiber glass
• Negative Plate	Lead
• Safety Valve	Rubber
• Terminal	Copper
• Container	ABS
• Cover	ABS

Applications

- ✓ Backup & Standby Power
- ✓ Renewable Energy Storage
- ✓ Mobility & Transportation
- ✓ Industrial & Commercial Equipment
- ✓ Automotive & Marine

Technical Specification

BATTERY MODEL	Axil 9Ah 12V
Nominal Voltage	12V
Number of Cells	6
Nominal Capacity	9Ah (20 hour rate 0.45A, 10.5V)
Terminal	F2
Max. discharge current	135A (5 sec.)
Internal resistance	Fully charged battery at 25°C (77 °F), ≤ 18 mΩ
Self discharge	3% of capacity declined per month at 20°C (average)
Charge method @25°C (77 °F)	Cycle use 14.5 - 14.9VPC
Dimension L x W x H	151 x 65 x 100 mm
Weight (approximate)	± 2.50 Kg



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