



Axil 100Ah 12V AGM

Deep Cycle Battery



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Deep Cycle Series AGM batteries feature thick plates, high-density active materials, and stronger electrolytes which can withstand repeated deep cycle applications.

- 10 year floating design life at 25°C
- IEC, BS, JIS and Eurobat UL(MH62092), CE approved

Product Features

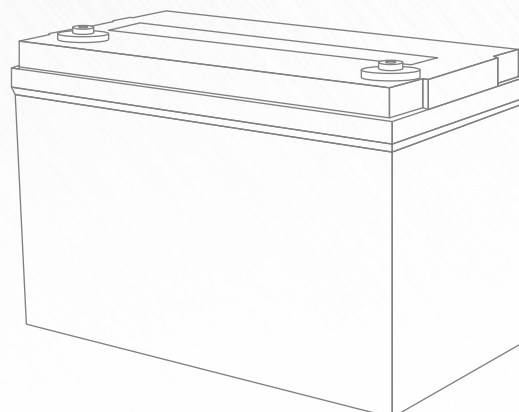
- ✓ Safety sealed
- ✓ Non-spillable construction
- ✓ High power density
- ✓ Excellent recovery from deep discharge
- ✓ Thick plates and high active materials
- ✓ Longer life and low self-discharge design

Applications

- ✓ Emergency power systems
- ✓ Communication equipment
- ✓ Telecommunication systems
- ✓ Uninterruptible power supplies (UPS)
- ✓ Medical & Marine equipment
- ✓ Solar & Wind powered systems
- ✓ Power tools
- ✓ Generators

Construction

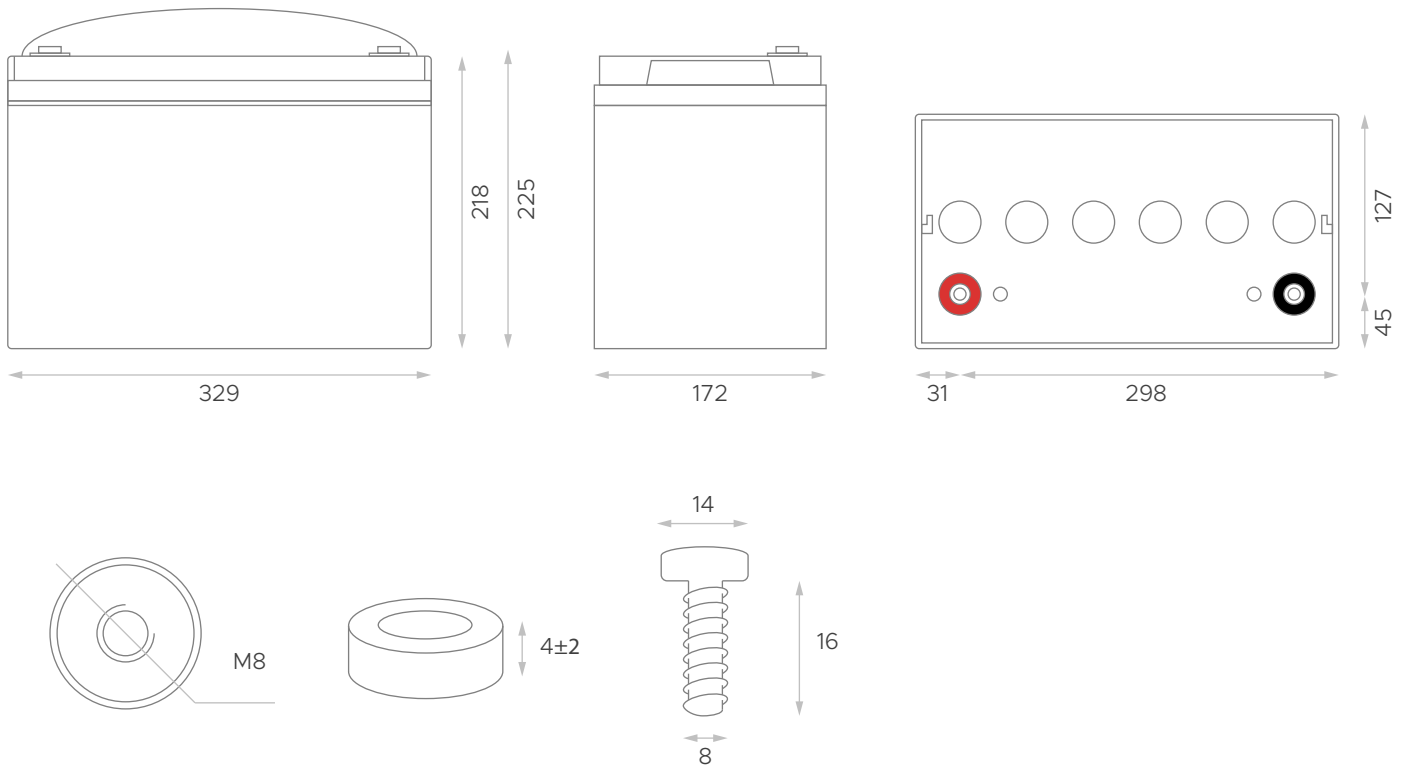
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|----------------|--|
| • Positive | Lead dioxide |
| • Electrolyte | Sulfuric acid |
| • Separator | Fiber glass |
| • Negative | Lead |
| • Safety Valve | EPDR |
| • Terminal | Copper |
| • Container | ABS (UL94-HB)
Flame retardant (UL94-VO) |



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Technical Specification

BATTERY MODEL	Axil 100Ah 12V
Nominal Voltage	12V
Nominal Capacity	100Ah (10 hour rate 10A, 10.5V)
Terminal	M8
Max. discharge current	1000A (5 sec.)
Internal resistance	Full charged at 25°C, Approx. 3.8mΩ
Capacity affected by Temp. (10 HR)	100% - 25°C (77 °F)
Self discharge @25°C (77 °F)	3.5A
Charge method @25°C (77 °F)	Cycle use 14.40 - 14.70V (Initial charging current less than 30A) Float use 13.50 - 13.80V
Dimension L x W x H	329 x 172 x 225 mm
Weight (approximate)	± 28.6 Kg



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