

Specifications

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|--------------------------|-------------------------|------------------------|-----------------------|-----------------------|
| Nominal voltage | 12V | | | |
| Rated capacity | 100hr rate (1.80V/cell) | 20hr rate (1.80V/cell) | 5hr Rate (1.70V/cell) | 1hr Rate (1.60V/cell) |
| (27° C) | 27Ah | 24Ah | 22Ah | 14.6Ah |
| Dimensions | Length | Width | Height of case | Height to terminals |
| | 166±2mm | 176±2mm | 125±2mm | 125±2mm |
| Weight /Kg (lbs) | 9.10 Kg (20.06lbs) | | | |
| Type of Terminals | M6 | | | |

Technical Characteristics

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| Design Life | 700 cycles according to IEC 254-1 with 75 % DOD |
| Plate | Grid plate construction consisting of a lead calcium alloy |
| Container Material | ABS-UL94HB |
| Electrolyte Type | Sulfuric Acid Thyrotrophic gell |
| Vent | Self-Sealing (2 PSI Operation) |
| Type of Plates/Alloy | Flat Plates/Lead-Calcium-Tin Alloy |
| Type of Separator | PVC |
| Operating Temperature Range | -40° C to +55 ° C |
| Charge Voltage @ 77 °F (25 °C) * | |
| Cycle use | 2.40-2.45VPC |
| Standby use | 2.25-2.30VPC |
| Charging temperature compensation | |
| | 0.028 VPC for every 10° F (5.55° C) above or below 77° F (25° C) (add 0.028 VPC for every 10° F (5.55° C) below 77° F and subtract 0.028 VPC for every 10° C above 77° F). |
| Storage time at 20°C | 12 months |

* Do not install or charge batteries in a sealed or non-ventilated compartment. Constant under or overcharging will damage the battery and shorten its life as with any battery.



Battery Dimensions

