

## Specifications

<b>Nominal voltage</b>	12V			
<b>Rated capacity</b>	100hr rate (1.80V/cell)	20hr rate (1.80V/cell)	5hr Rate (1.70V/cell)	1hr Rate (1.60V/cell)
(27° C)	280Ah	240Ah	195Ah	148Ah
<b>Dimensions</b>	Length	Width	Height of case	Height to terminals
	527±2mm	279±2mm	234±2mm	254±2mm
<b>Weight /Kg (lbs)</b>	75.4 Kg (166.23lbs)			
<b>Type of Terminals</b>	APW			

## Technical Characteristics

<b>Design Life</b>	700 cycles according to IEC 254-1 with 75 % DOD
<b>Plate</b>	Grid plate construction consisting of a lead calcium alloy
<b>Container Material</b>	ABS-UL94HB
<b>Electrolyte Type</b>	Sulfuric Acid Thyrotrophic gell
<b>Vent</b>	Self-Sealing (2 PSI Operation)
<b>Type of Plates/Alloy</b>	Flat Plates/Lead-Calcium-Tin Alloy
<b>Type of Separator</b>	PVC
<b>Operating Temperature Range</b>	-40° C to +55 ° C
<b>Charge Voltage @ 77 °F ( 25 °C ) *</b>	
<b>Cycle use</b>	2.40-2.45VPC
<b>Standby use</b>	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).

<b>Storage time at 20°C</b>	12 months
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\* 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

