## **Specifications**

Nominal voltage	12V						
Rated capacity	100hr rate (1.80	OV/cell)	20hr ra	te (1.80V/cell)	5hr Ra	ite (1.70V/cell)	1hr Rate (1.60V/cell)
(27° C)	132Ah			120Ah		105Ah	74Ah
Dimensions	Length			Height of	case	Height to	terminals
	$341\pm2$ mm			264 $\pm$ 2mm		283±2	mm
Weight /Kg (lbs)	38.60 Kg (85.10lbs)						
Type of Terminals	AP						

## **Technical Characteristics**

Design Life	700 cycles according to IEC 254-1 with 75 % DOD				
Plate	Grid plate construction consisting of a lead calcium alloy				
Container N	laterial	ABS-UL94HB			
Electrolyte <sup>-</sup>	Туре	Sulfuric Acid Thyrotrophic gell			
Vent		Self-Sealing (2 PSI Operation)			
Type of Plat	es/Alloy	Flat Plates/Lead-Calcium-Tin Alloy			
Type of Sep	arator	PVC			
Operating T	emperature Range	-40° C to +55 ° C			
Charge Voltage @ 77 °F ( 25 °C) *					
Cycle use		2.40-2.45VPC			
Standby use	е	2.25-2.30VPC			

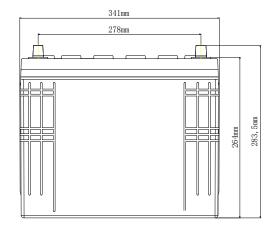


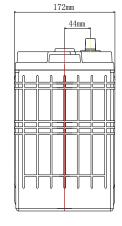
0.028 VPC for every 10 $^{\circ}$  F (5.55 $^{\circ}$  C) above or below 77 $^{\circ}$  F (25 $^{\circ}$  C) (add 0.028 VPC for every 10 $^{\circ}$  F (5.55 $^{\circ}$  C) below 77 $^{\circ}$  F and subtract 0.028 VPC for every 10 $^{\circ}$  C above 77 $^{\circ}$  F).

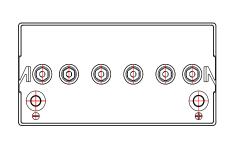


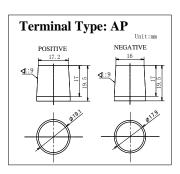


## **Battery Dimensions**









<sup>\*</sup> 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.