## **Specifications**

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)	63Ah			5Ah		46Ah	34Ah
Dimensions	Length	Width Height		Height of	case	Height to	terminals
	271 $\pm$ 2mm	170±	$\pm 2$ mm 189 $\pm 2$		mm	189±2	mm
Weight /Kg (lbs)	19.00 Kg (41.89lbs)						
Type of Terminals	AP						

## **Technical Characteristics**

Design Life	700 cycles according to IEC 254-1 with 75 % DOI				
Plate	Grid plate construction	on consisting of a lead calcium alloy			
Container M	laterial	ABS-UL94HB			
Electrolyte <sup>1</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		2.35-2.40VPC			
Standby use	е	2.25-2.30VPC			

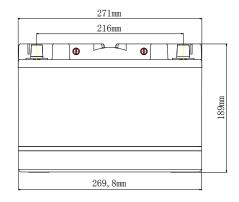
## **Charging temperature compensation**

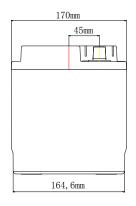
0.028 VPC for every 10 $^{\circ}$  F (5.55 $^{\circ}$  C) above or below 77 $^{\circ}$  F (25 $^{\circ}$  C) (add 0.028 VPC for every 10 $^{\circ}$  F (5.55 $^{\circ}$  C) below 77 $^{\circ}$  F and subtract 0.028 VPC for every 10 $^{\circ}$  C above 77 $^{\circ}$  F).

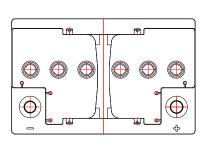


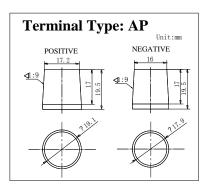


## **Battery Dimensions**









<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.