

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)	183Ah	160Ah	133Ah	96Ah
Dimensions	Length	Width	Height of case	Height to terminals
	527 ±2mm	224 ±2mm	234 ±2mm	239 ±2mm
Weight /Kg (lbs)	53.40 Kg (117.73lbs)			
Type of Terminals	M8			

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 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

