



## Applications:

- Automotive and traction applications.
- Standby/Back-up/Emergency power for electrical installations.
- Submarines
- UPS (Uninterruptible Power Supplies)
- Lighting
- High current drain applications.
- Sealed battery types available for use in portable equipment.



## Feature:

Lead acid batteries with electrodes modified by the addition of Calcium providing the following advantages More resistant to corrosion, overcharging, gassing, water usage, and self-discharge, all of which shorten battery life. Larger electrolyte reserve area above the plates. Higher Cold Cranking Amp ratings.

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Model					50 AH	70AH	100 AH	150 AH	200 AH
Nominal Voltage	12V								
Number of cell	6								
Design Life	5 Years								
Nominal Capacity 77°F(25°C)									
20 hour rate(0.9A,10.5V)					50AH	70AH	100AH	150AH	200AH
10 hour rate(1.67A,10.5V)					37.2AH	69.7AH	92.7AH	139AH	186AH
5 hour rate (3.06 A,10.5V)					34.1AH	63.9AH	86.0AH	129AH	172AH
1 hour rate(11.6A,9.6V)					26AH	48.7AH	65.0AH	97.5AH	130AH
Fully Charged Battery					6 mΩ	5 mΩ	5 mΩ	3 mΩ	3 mΩ
Self-Discharge	3% of capacity declined per month at 20°C(average)								
Operation Temperature Range									
Discharge	-20~60°C								
Charge	-10~60°C								
Storage	-20~60°C								
Max. Discharge Current 77°F					500A	700A	1000A	1500A	2000A
Short Circuit Current					1200A	1125A	1500A	2250A	3000A

## Characteristics Charging and Discharging

