

FEATURES

- High density lead paste and specialized paste formula for deep cycle application.
- High strength ABS or PP case & cover and valve-regulated construction. Maintenance-free.
- High capacities.
- Environmentally friendly, Classified as "Non-Spillable Battery" for transportation.
- High tin alloy grids offer: Less gassing, high corrosion-resistance, low self discharge and alloy sheeting material for deep cycle applications.
- Exceptional adaptability to operate in high and low temperature environments.
- Durable copper and stainless steel terminals for high electrical conductivity.
- Excellent cycle life: 800 cycles @ 80% DOD.
- Exclusive electrolyte formula and separator to protect the electrolyte density from stratification.
- Superior design allows for fast charge acceptance and resistance to over-discharge.

Mechanical Characteristics

Industry Type No.	Volts	Standard (optional) Terminals	Dimensions in Inches (mm)				Approx. Weight in Lbs (Kgs)
			L in(mm)	W in(mm)	H in(mm)	TH in(mm)	
GC12	12	AM	12.9 (327)	6.9 (176)	10 (254)	10.8 (274)	89.5 (40.6)

Electrical Characteristics

Ampere Hour Capacity				Minutes of Discharge		R/C	Cranking Amps	
100HR	20HR	10HR	5HR	@25A	@75A	@25A	32°F/ 0°C	0°F/ -18°C
* - Performance averages after 15 cycles								
155	140	133	98.5	270	70	310	750	600

Internal resistance	Fully charged at 20°C: 3.2 mOhms		
Self discharge	<3% of capacity per month at 20°C		
Operating temperature range	Discharge	Charge	Storage
	-20~60°C	-10~50°C	-20~60°C
Short circuit current (20°C)	3800A		

Charge / Discharge Tables & Graphs

