



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.

Electrical Characteristics

Final voltage 1.75V/Cell	Amp Hours(AH) @77° F (25° C)						Minutes of Discharge@80° F (27° C)	
	20HR	10HR	5HR	3HR	2HR	1HR	@25A	@75A
	220	205	185	170	150	130	460	120

Electrical Characteristics

Nominal Capacity	220Ah@20 hour rate F. V. (1.75V/Cell)	
Internal Resistance(Approx.)	≤Fully Charged battery (25°C) : 1.65mOhms	
Self Discharge	3% of capacity per month@68°F/20°C	
Cranking Amps	1430A@32°F/0°C	1100A@0°F/-18°C
Max. Discharge	1650A(5s)	
Reserve Capacity (80°F/27°C)	@25A F.V.(1.75V/Cell)	460Min
	@75A F.V.(1.75V/Cell)	120Min
Charging(25°C) (Constant Voltage)	Cycle use	Initial Charging Current: 66A,2.40-2.45VPC
	Float use	2.20-2.30VPC

Mechanical Characteristics

Industry Type No.	Gc6
Length(mm/inch)	260/10.2
Width (mm/inch)	180/7.1
Height(mm/inch)	254/10.0
Total Height(mm/inch)	274/10.8
Approx. Weight (kg/lbs)	28/61.7
Terminal	AM
Container material	PP
Cells	3 cell
Nominal Voltage	6 V

Charge / Discharge Tables & Graphs

