

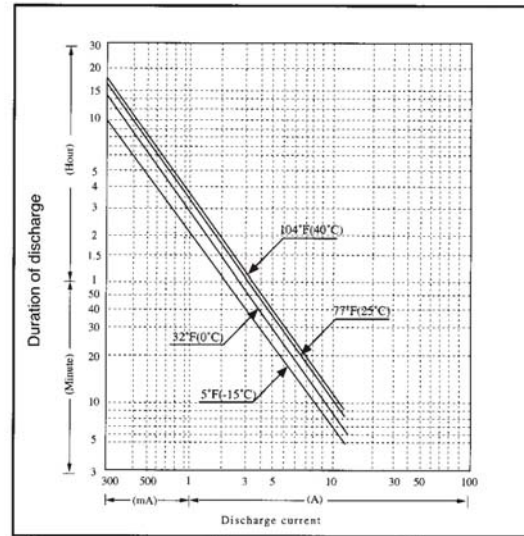
Specification

Nominal Voltage		12V
Rated Capacity (20 hour rate)		5AH
Dimension	Total Height (with terminals)	107mm (4.28in)
	Height	101mm (4.04in)
	Length	90mm (3.6in)
	Width	70mm (2.81in)
Weight		Approx 1.6kg (3.52lbs)

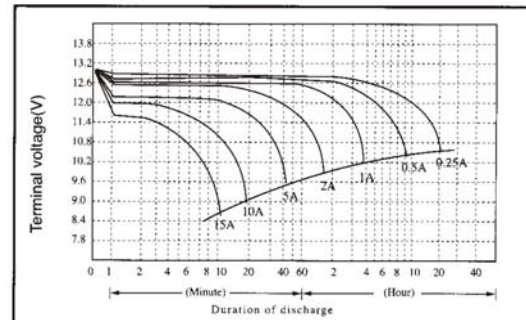
Characteristic

Capacity 77°F (25°C)	20 hour rate (250mA)	5AH
	10 hour rate (450mA)	4.5AH
	5 hour rate (800mA)	4.0AH
	1 hour rate (3.0A)	3.0AH
	15 min rate (8.5A)	2.1AH
Internal Resistance	Full charged Battery 77 °F (25 °C)	28mΩ
Capacity affected by Temperature (20 hour rate)	104 °F (40 °C)	102%
	77 °F (25 °C)	100%
	32 °F (0 °C)	85%
	5 °F (-15 °C)	65%
Self-Discharge 77 °F (25 °C)	Capacity after 3 month storage	90%
	Capacity after 6 month storage	80%
	Capacity after 12 month storage	60%
Max. Discharge Current 77 °F (25 °C)	50A ° 5S °	
Terminal	Standard	F2
	Optional	F3
Charging (Constant Voltage)	Cycle	Initial Charging Current 1.5A or small 14.4~15.0V/77 °F (25 °C)
	Float	13.5~13.8V/77 °F (25 °C)

Duration of discharge vs. Discharge current



Discharge characteristics 77 °F (25 °C)



Constant wattage discharge (Watts per cell @25 °C)

Cut off voltage V/cell	5M	10M	15M	30M	40M	60M
1.75V	36.1	24.3	18.6	11.3	9.1	6.6
1.70V	36.8	24.8	18.8	11.6	9.3	6.7
1.67V	37.2	25.1	19.2	11.7	9.4	6.8
1.60V	38.1	25.7	19.6	12.0	9.6	6.9
1.50V	39.0	26.0	20.0	12.0	10.0	7.0

NOTE: The above data are average values and can be obtained within 3 charge/discharge cycles. These are not minimum values.