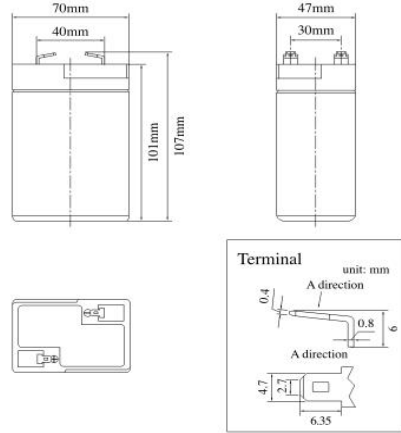


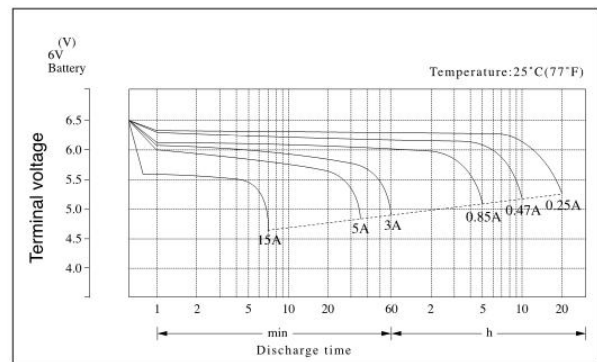
# S-650A



## Specifications

Nominal Voltage		6V
Rated Capacity(20 hour rate)		5AH
Dimension	Total Height (with terminals)	107mm(4.21inches)
	Height	101mm(3.98inches)
	Length	70mm(2.76inches)
	Width	47mm(1.85inches)
Weight		Approx.0.93kg(2.05lbs)

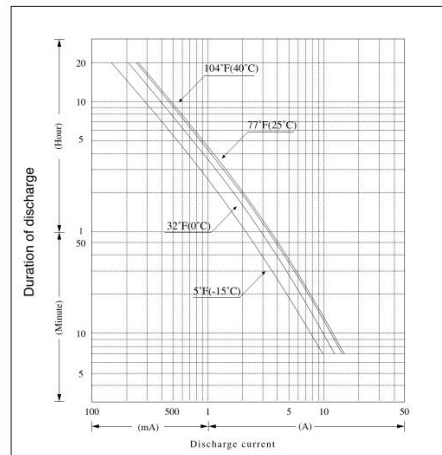
## Discharge characteristics 77°F (25°C)



## Characteristics

Capacity 77°F(25°C)	20 hour rate(250mA)	5AH
	10 hour rate(465mA)	4.65AH
	5 hour rate(850mA)	4.25AH
	1 hour rate(3A)	3AH
	15 min rate(8.76A)	2.19AH
Internal Resistance	Full charged Battery 77°F(25°C)	16mΩ
	104°F(40°C)	102%
Capacity affected by Temperature (20 hour rate)	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
	Capacity after 3 month storage	91%
Self-Discharge 77°F(25°C)	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
	Max. Discharge Current 77°F(25°C)	75A(5S)
Terminal	Standard	F1
	Optional	F2
Charging (Constant Voltage)	Cycle	Initial Charging Current 1A Or Small 7.25V~7.45V/77°F(25°C)
	Float	6.8V~6.9V/77°F(25°C)

## Duration of discharge vs. Discharge current



## Constant Power discharge Watts Per Cell 77°F (25°C)

Cut off voltage V/cell	5M	10M	15M	30M	40M	60M
1.50V	39.1	26.4	20.1	12.3	9.9	7.1
1.60V	38.0	25.6	19.5	12.0	9.5	6.9
1.67V	37.3	25.1	19.1	11.8	9.4	6.8
1.70V	36.8	24.8	18.8	11.5	9.3	6.6
1.75V	36.0	24.3	18.5	11.4	9.0	6.5

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