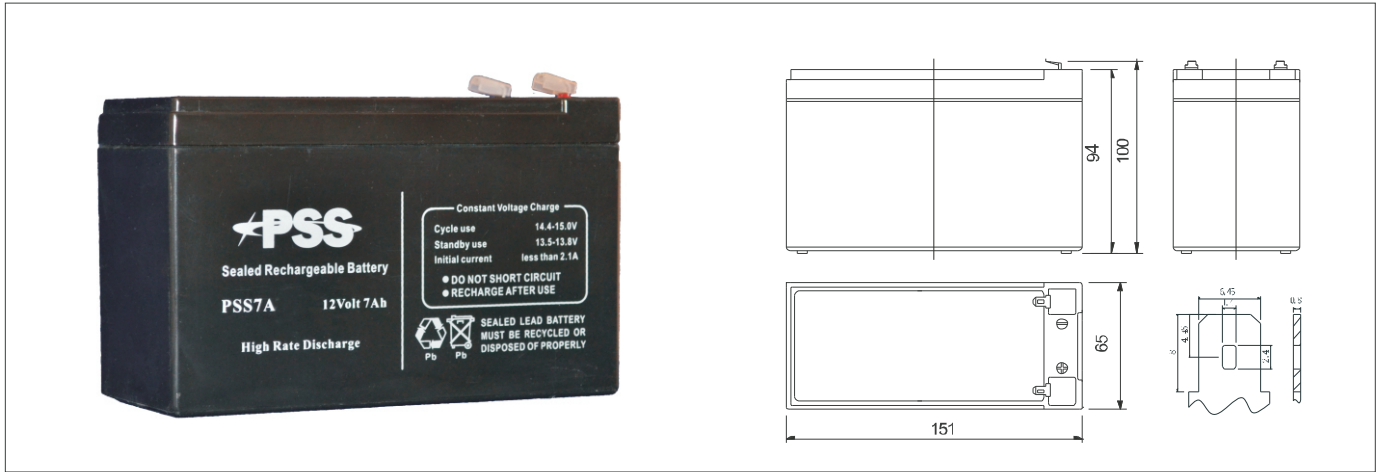


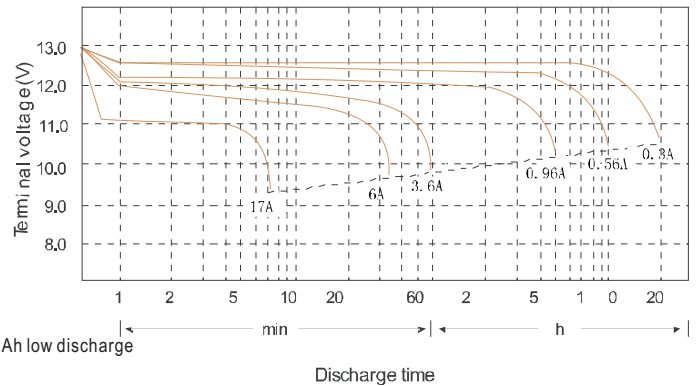
PSS7A



SPECIFICATIONS

Nominal Voltage		12V
Rated Capacity(20 hour rate)		7.0Ah
Dimensions	Total Height (with terminals)	3.94inches(100mm)
	Height	3.70inches(94mm)
	Length	5.94inches(151mm)
	Width	2.56inches(65mm)
Weight		Approx. 4.56pound(2.07kg)

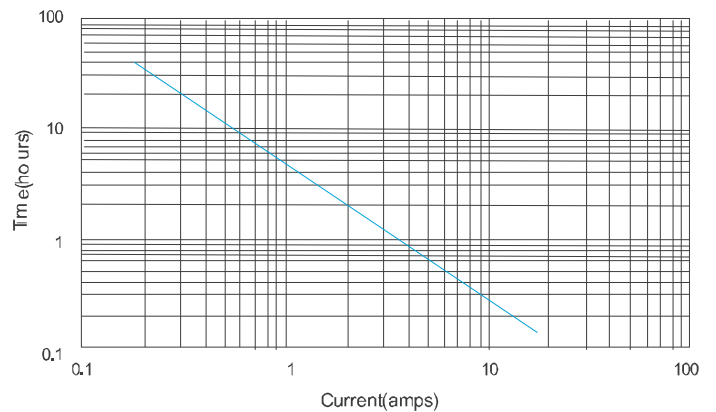
DISCHARGE CURVES 77 °F (25°C)



CHARACTERISTICS

Capacity 77°F(25°C)	20 hour rate (0.30A)	7.0Ah
	10 hour rate (0.56A)	5.6Ah
Internal Resistance	5 hour rate (0.96A)	4.8Ah
	1 hour rate (3.60A)	3.6Ah
	15 minute Rate (10.6A)	2.66Ah
Internal Resistance	Full charged Battery 77°F(25°C)	25mΩ
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(20°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	81%
	Capacity after 12 month storage	60%
Max. Discharge Current 77°F(25°C)	90A(5S)	
Terminal	F1/F2	
Charge (Constant Voltage)	Cycle	Initial Charging Current less than 1.8A Voltage 14.4~14.7V/77°F(25°C)
	Float	Voltage 13.5~13.8V/77°F(25°C)

DISCHARGE CURRENT VS. TIME 77°F (25°C)



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

CONSTANT WATTAGE DISCHARGE (WATTS PER CELL@25°C)

Out of voltage/v cell	5 W	10 W	15 W	30 W	45 W	60 W
1.60V	42.7	27.3	20.8	12.5	9.0	7.3
1.65V	41.2	26.7	20.6	12.3	8.9	7.2
1.70V	39.6	26.4	20.4	11.5	8.6	7.1
1.75V	39.1	26.3	20.2	11.1	8.3	7.0
1.80V	35.7	25.5	18.8	10.6	8.0	6.6

