

Specifications

Nominal Voltage		6V
Rated Capacity(20 hour rate)		5AH
Dimension	Total Height (with terminals)	105mm(4.13inches)
	Height	100mm(3.94inches)
	Length	70mm(2.76inches)
	Width	47mm(1.85inches)
Weight		approx.0.78kg

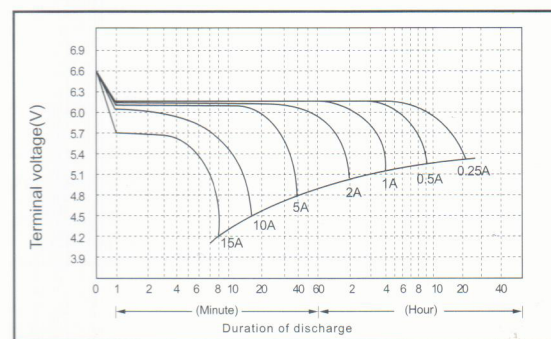
Characteristics

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(3.0A)	3.0AH
	15 min rate(7.87A)	1.97AH
Internal Resistance	Full charged Battery 77°F(25°C)	19mΩ
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	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Max. Discharge Current 77°F(25°C)	25A	
Terminal	Standard	F1
	Optional	F2
Charging (Constant Voltage)	Cycle	7.25~7.45V/77°F(25°C)<1.2A
	Float	6.8~6.9V/77°F(25°C)

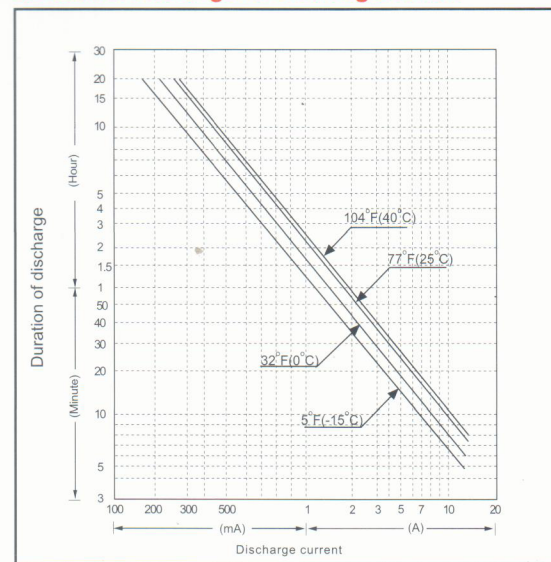
Constant wattage discharge (Watts/battery @ 25°C)

EV/CELL	5min	10min	30min	1H	3H	5H	8H	10H	20H
1.85V	57.7	45.5	24.0	15.4	7.1	4.7	3.2	2.7	1.4
1.80V	74.3	52.9	26.9	16.4	12.1	4.7	3.2	2.7	1.4
1.75V	75.0	53.2	27.6	16.8	7.6	4.8	3.3	2.7	1.5
1.70V	80.2	55.5	28.3	17.1	7.7	4.9	3.4	2.8	1.5
1.60V	87.8	59.8	29.8	17.6	7.7	4.9	3.4	2.8	1.5

Discharge characteristics 77°F(25°C)



Duration of discharge vs. Discharge current



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

PALMA BATTERY

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