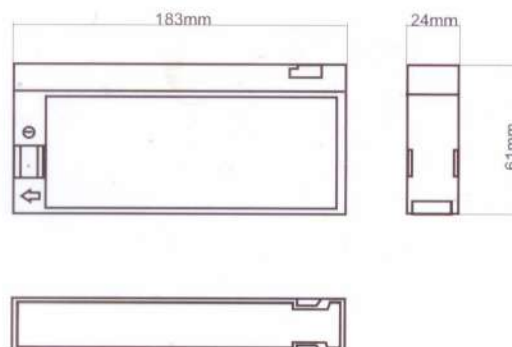


PM2.3A-12



Specifications

Nominal Voltage		12V
Rated Capacity(20 hour rate)		2.3AH
Dimension	Total Height (with terminals)	61mm(2.40inches)
	Height	61mm(2.40inches)
	Length	183mm(7.20inches)
	Width	24mm(0.94inches)

Characteristics

Capacity 77°F(25°C)	20 hour rate(115mA)	2.3AH
	10 hour rate(214mA)	2.14AH
	5 hour rate(390mA)	1.95AH
	1 hour rate(1.38A)	1.38AH
	15 min rate(4.04A)	1.01AH
Internal Resistance	Full charged Battery 77°F(25°C)	45mΩ
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)	11.5A	
Terminal	Standard	Special
	Optional	
Charging (Constant Voltage)	Cycle	14.5~14.9V/77°F(25°C) (<575mA)
	Float	13.6~13.8V/77°F(25°C)

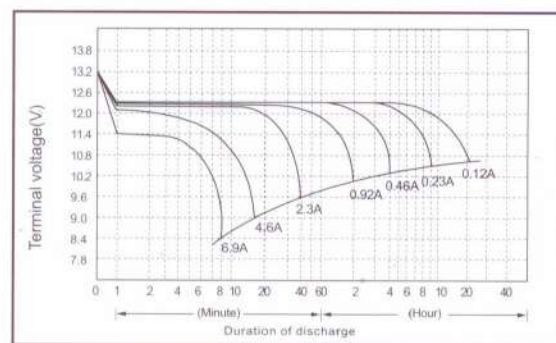
Constant wattage discharge (Watts/battery @ 25°C)

EV/CELL	5min	10min	30min	1H	3H	5H	8H	10H	20H
1.85V	53.0	41.9	22.1	14.0	6.3	4.1	2.8	2.4	1.26
1.80V	66.4	48.6	24.8	14.9	6.4	4.4	2.9	2.4	1.27
1.75V	69.0	48.9	25.3	15.5	6.9	4.5	2.9	2.5	1.30
1.70V	73.7	51.2	26.0	16.1	6.9	4.6	3.0	2.5	1.34
1.60V	80.8	55.0	26.9	16.2	7.0	4.6	3.1	2.6	1.38

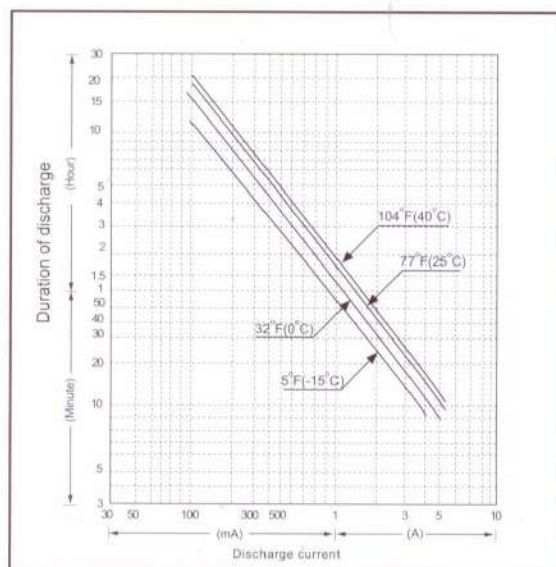
PALMA BATTERY

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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.