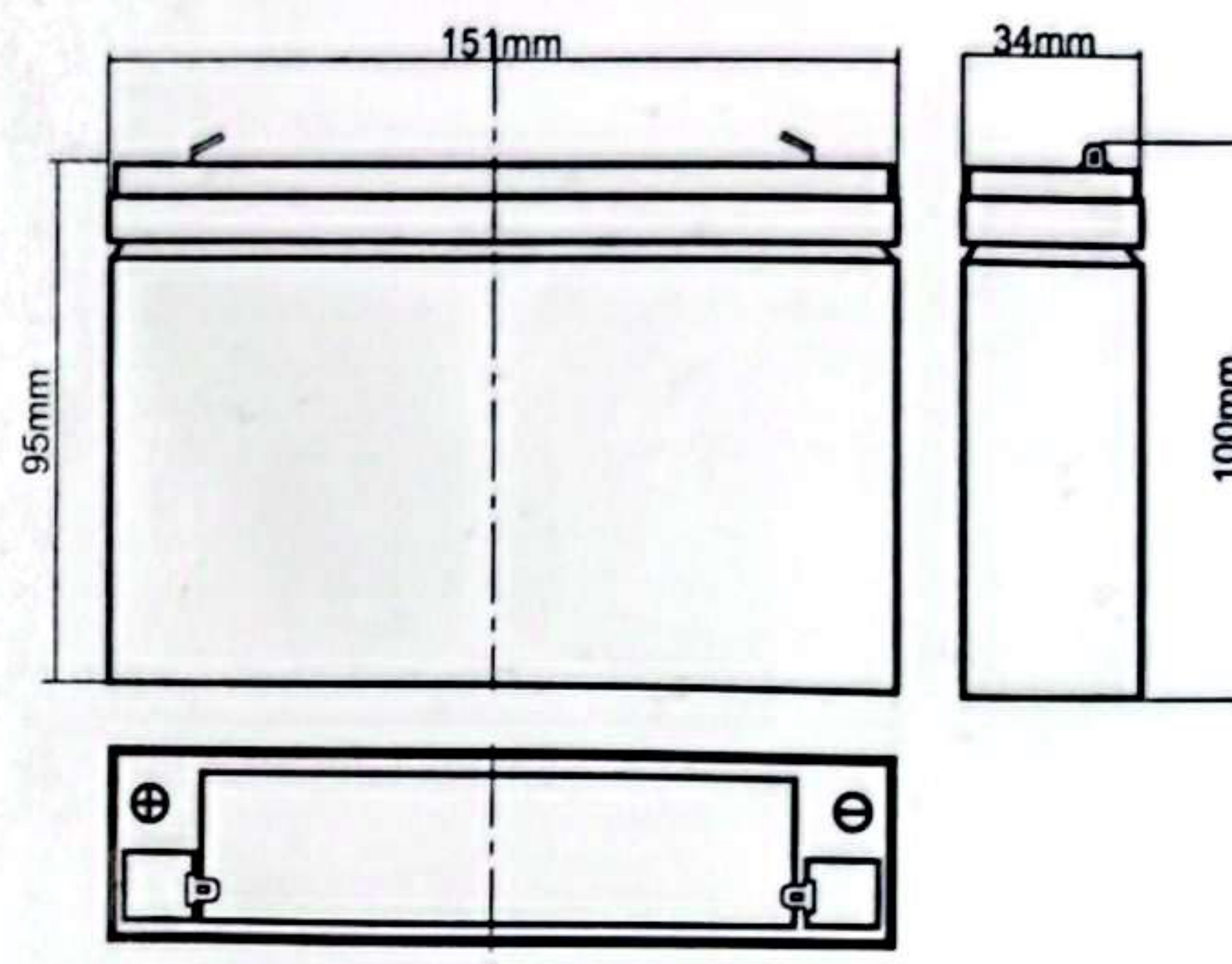


PM8-6



Specifications

Nominal Voltage		6V
Rated Capacity(20 hour rate)		8AH
Dimension	Total Height (with terminals)	100mm(3.94inches)
	Height	95mm(3.74inches)
	Length	151mm(5.94inches)
	Width	34mm(1.34inches)
Weight		approx.1.18kg

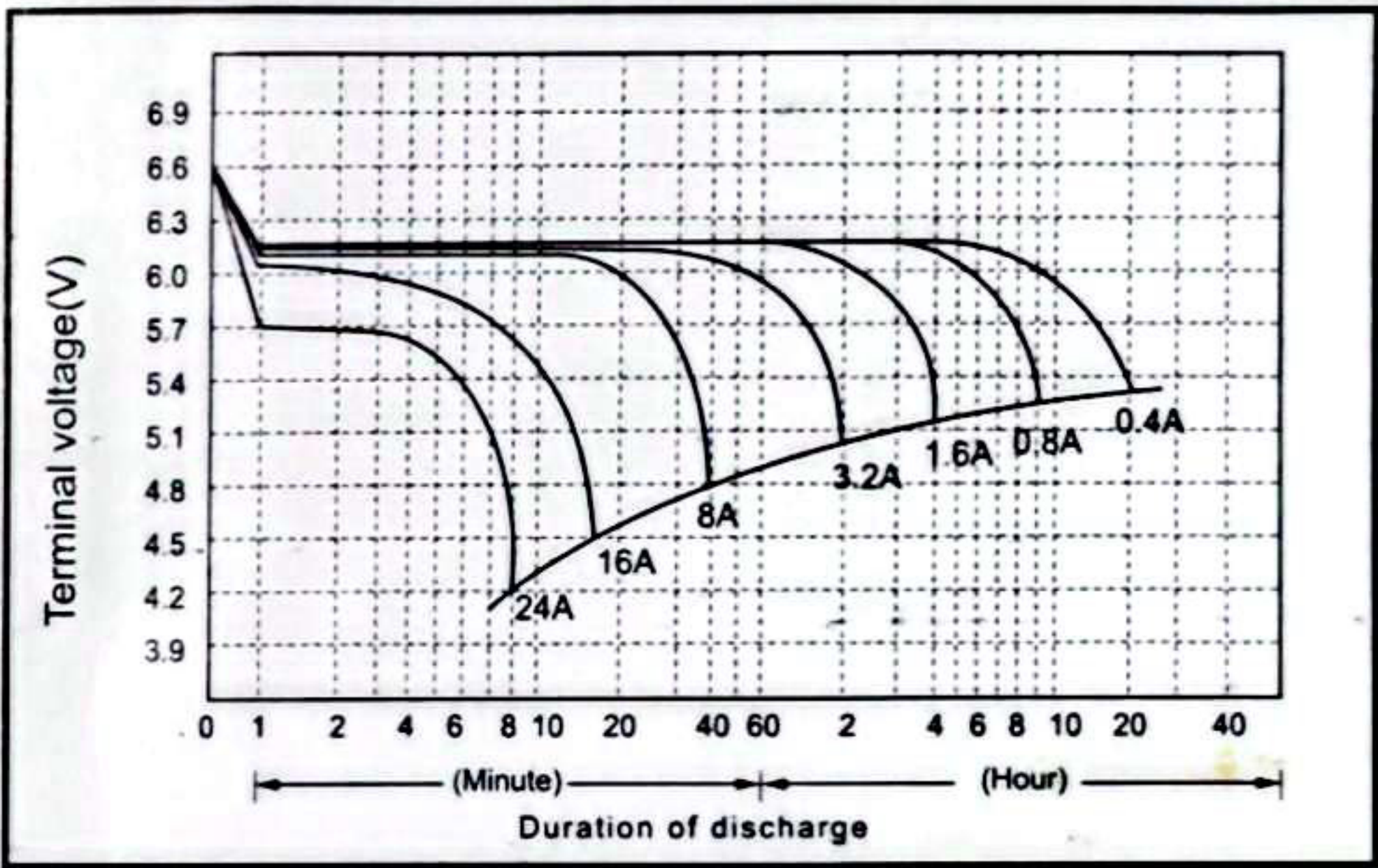
Characteristics

Capacity 77°F(25°C)	20 hour rate(400mA)	8AH
	10 hour rate(744mA)	7.44AH
	5 hour rate(1.36A)	6.8AH
	1 hour rate(4.8A)	4.8AH
	15 min rate(14A)	3.50AH
Internal Resistance	Full charged Battery 77°F(25°C)	14mΩ
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)	40A	
Terminal	Standard	F1
	Optional	F2
Charging (Constant Voltage)	Cycle	7.25~7.45V/77°F(25°C)<1.6A
	Float	6.8~6.9V/77°F(25°C)

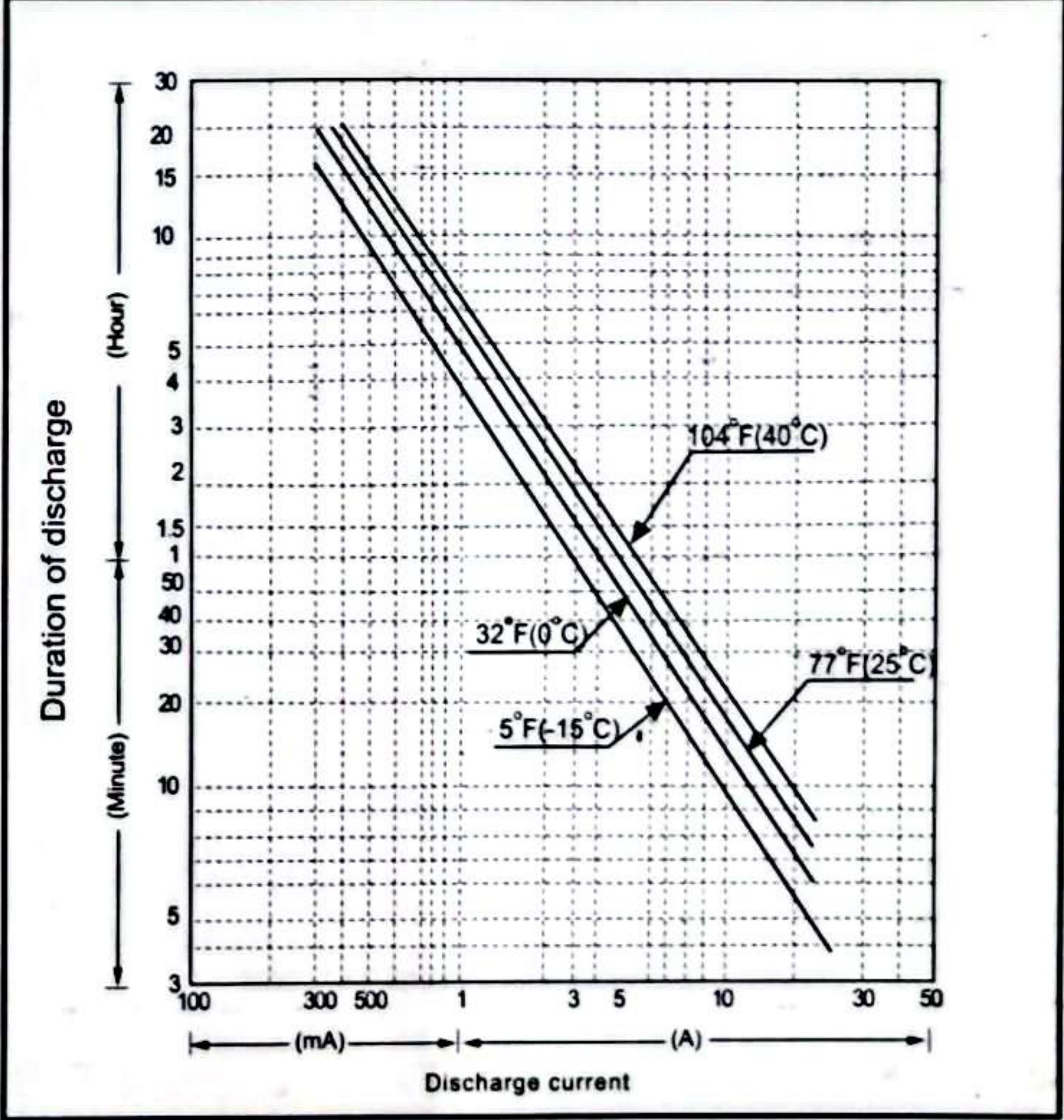
Constant wattage discharge (Watts/battery @ 25°C)

EV/CELL	5min	10min	30min	1H	3H	5H	8H	10H	20H
1.85V	92.3	72.7	38.4	24.6	11.3	7.4	5.0	4.2	2.1
1.80V	115.6	84.6	43.1	26.2	11.4	7.5	5.1	4.3	2.2
1.75V	120	85.1	44.2	26.2	12.1	7.6	5.2	4.3	2.4
1.70V	128	88.9	45.3	27.4	12.2	8.1	5.3	4.4	2.4
1.60V	140.6	95.7	46.9	28.2	12.3	8.2	5.4	4.4	2.4

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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