

Specifications

Nominal Voltage		12V
Rated Capacity(20 hour rate)		14AH
Dimension	Total Height (with terminals)	100mm(3.94inches)
	Height	95mm(3.74inches)
	Length	151mm(5.94inches)
	Width	98mm(3.86inches)
Weight		approx. 4.2kg

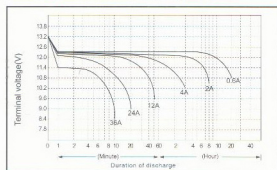
Characteristics

Capacity 77 F(25°C)	20 hour rate(600mA)	14AH
	10 hour rate(1.14A)	12AH
	5 hour rate(2.2A)	11.4AH
	1 hour rate(8.4A)	8.4AH
	15 min rate(25.8A)	6.45AH
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)		60A
Terminal	Standard	F2
	Optional	F1
Charging (Constant Voltage)	Cycle	14.5~15.0V/77 F(25°C)(<3A)
	Float	13.6V~13.8V/77 F(25°C)

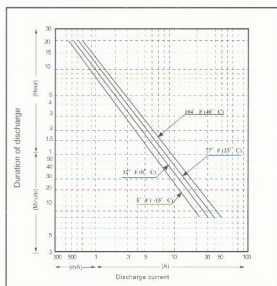
Constant wattage discharge (Watts/battery @ 25°C)

EV/CELL	5min	10min	30min	1H	3H	5H	8H	10H	20H
1.85V	332.1	138.2	138.2	88.6	37.9	24.4	16.7	13.6	7.0
1.80V	416.0	304.7	155.2	94.3	37.9	26.0	16.7	13.6	7.1
1.75V	444.0	309.1	157.1	96.6	40.9	26.2	17.3	13.7	7.2
1.70V	462.0	319.8	162.9	100.8	40.9	26.4	17.7	13.8	7.6
1.60V	506.3	341.5	168.7	101.3	41.0	26.6	17.7	13.9	7.4

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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