

PMH20-12



Specifications

Nominal Voltage		12V
Rated Capacity(20 hour rate)		20AH
Dimension	Total Height (with terminals)	170mm(6.74inches)
	Height	170mm(6.74inches)
	Length	180mm(7.09inches)
	Width	77mm(2.95inches)
Weight		approx.6.2kg

Characteristics

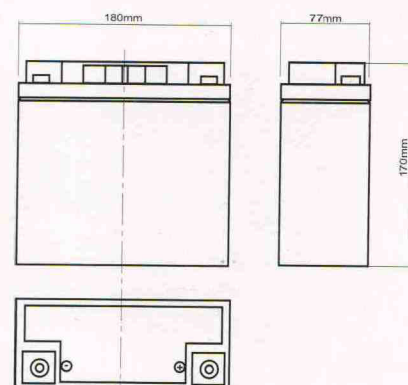
Capacity 77°F(25°C)	20 hour rate(1.1A)	20AH
	10 hour rate(2.04A)	18.9AH
	5 hour rate(3.74A)	18.4AH
	1 hour rate(14A)	14AH
	15 min rate(40A)	10.0AH
Internal Resistance	Full charged Battery 77°F(25°C)	11mΩ
Capacity affected by Temperature (20 hour rate)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	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)	100A	
Terminal	Standard	C1
	Optional	L1
Charging (Constant Voltage)	Cycle	14.5~14.9V/77°F(25°C) <5A
	Float	13.6V~13.8V/77°F(25°C)

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

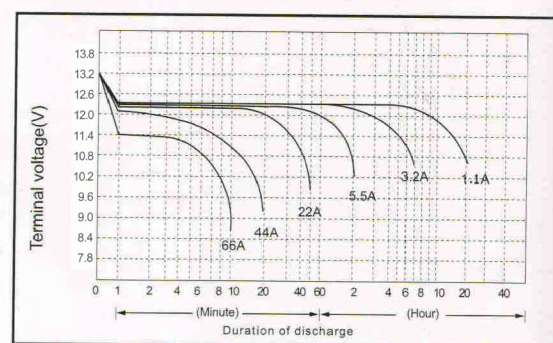
EV/CELL	5min	10min	30min	1H	3H	5H	8H	10H	20H
1.85V	510.0	401.7	212.2	135.9	62.4	40.9	27.9	23.2	12.1
1.80V	625.8	458.3	233.2	141.7	62.7	41.8	28.2	23.4	12.4
1.75V	663.0	470.0	244.0	152.9	67.1	42.5	29.0	24.1	13.0
1.70V	709.0	490.9	250.1	154.7	67.2	44.9	29.7	24.3	13.0
1.60V	776.9	528.9	258.1	162.5	67.4	45.1	29.8	25.0	13.1

PALMA BATTERY

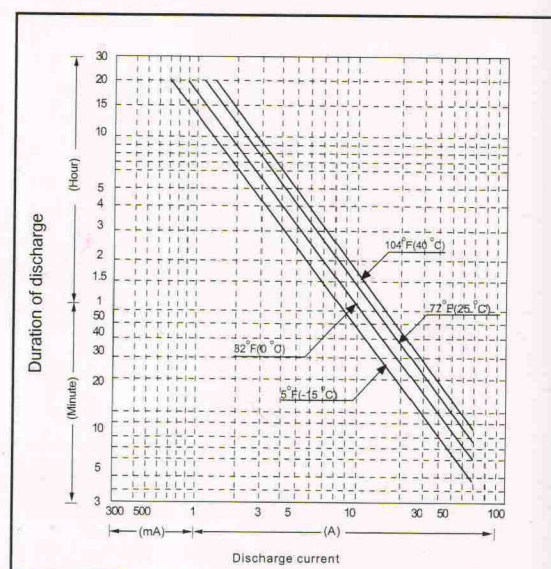
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Discharge characteristics 77°F(25°C)



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.