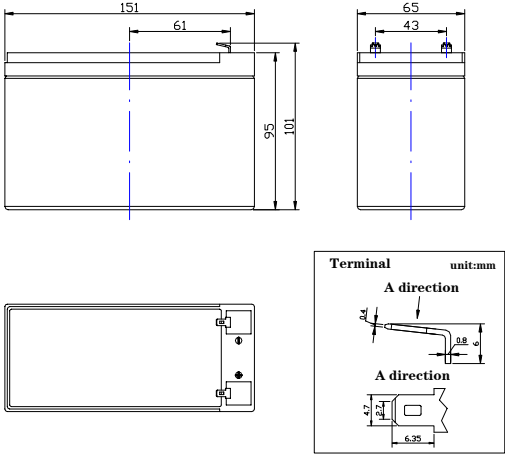


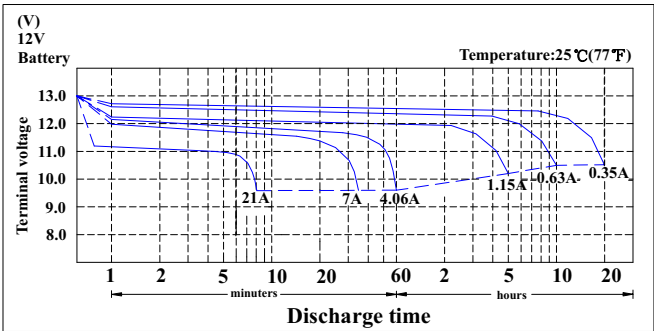
FM-12-7.2 12V7.2AH



Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		7.2AH
Dimension	Total Height (with terminals)	101mm
	Height	95mm
	Length	151mm
	Width	65mm
Weight		Approx. 2kg

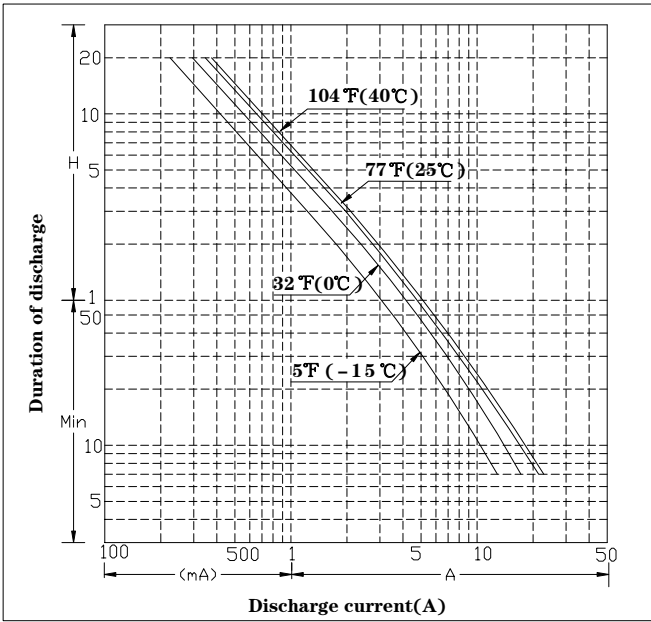
Discharge characterisitcs 77°F (25°C)



Characteristics

Capacity 77°F (25°C)	20 hour rate (0.36 A to 10.5Volts)		7.2AH
	10 hour rate (0.65A to 10.5Volts)		6.7AH
	5 hour rate (1.19A to 10.2Volts)		6.1AH
Internal Resistance	Full charged 77°F (25°C)		19m Ω
Standard Terminal	F1		
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)	105A (5s)		
Maximum Charge Current(A)	1.4A		
Charging (Constant Voltage)	Cycle	14.5V~14.9V/77°F (25°C)	
	Float	13.6V~13.8V/77°F (25°C)	
Temperature compensation coefficient of charging voltage (mV/°C/cell)	Cycle	-4mV/°C/cell	
	Float	-3mV/°C/cell	

Duration of discharge vs. Discharge current



Constant Current(Amp) and Constant Power(Watt) Discharge Table at 25°C (77°F)

Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A 25.5	16.5	12.3	8.05	4.20	2.45	1.80	1.45	1.23	0.81	0.66	0.36
	W 262	177	131	86.6	45.4	26.9	20.1	16.3	14.0	9.29	7.65	4.21
10.20V	A 23.1	15.8	11.3	7.64	3.94	2.35	1.75	1.40	1.20	0.80	0.65	0.35
	W 248	177	126	85.8	44.6	27.1	20.3	16.3	14.0	9.32	7.64	4.14
10.50V	A 21.0	14.8	10.5	7.41	3.82	2.30	1.72	1.33	1.19	0.79	0.64	0.35
	W 231	168	120	85.3	44.2	26.7	20.1	15.6	14.0	9.26	7.62	4.14
10.80V	A 20.2	14.1	9.80	7.20	3.69	2.25	1.69	1.31	1.14	0.77	0.63	0.34
	W 227	163	113	83.5	42.9	26.3	19.9	15.4	13.4	9.09	7.45	4.06
11.10V	A 18.7	13.3	9.10	7.00	3.59	2.19	1.60	1.28	1.09	0.75	0.61	0.33
	W 212	154	106	81.9	41.8	25.9	19.1	15.3	13.0	8.94	7.39	4.03

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