

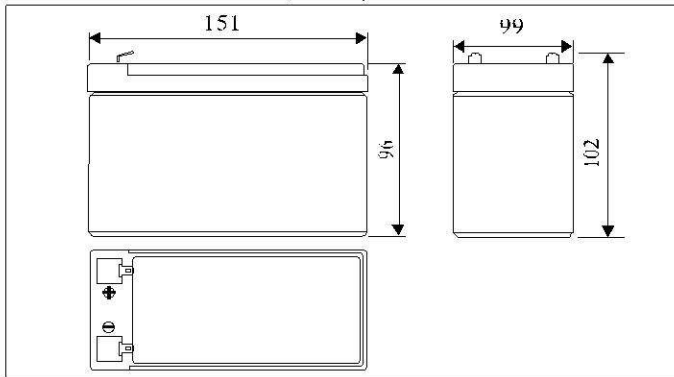
6FM12 (12V12AH)

• Specifications

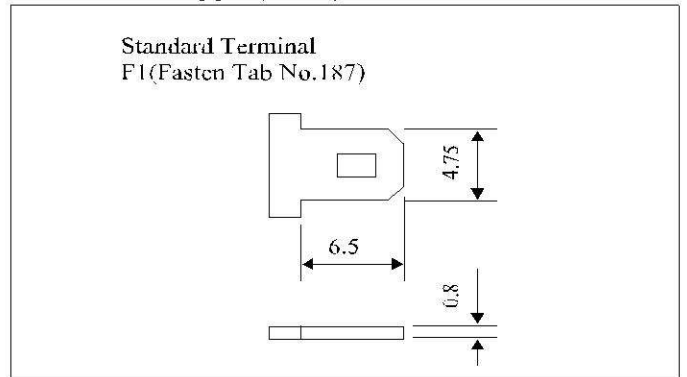
Nominal Voltage		12V
Nominal Capacity (20HR)		12AH
Dimension	Length	151±1mm (5.94 inches)
	Width	99±1mm (3.90 inches)
	Container Height	96±2mm (3.78 inches)
	Total Height	102±2mm (4.02 inches)
Weight		Approx 3.80Kg (8.36 lbs)
Standard Terminal		F1-Fasten Tab No.187



• Outer Dimensions (mm)



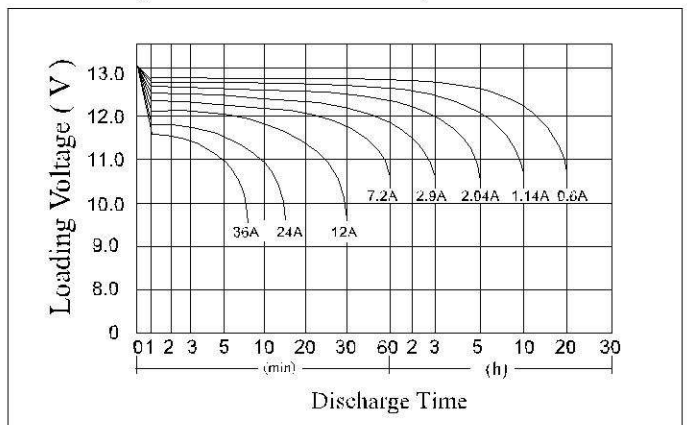
• Terminal Type (mm)



• Characteristics

Capacity	20 hour rate (0.60A)	12.0Ah
	10 hour rate (1.14A)	11.4Ah
	5 hour rate (2.04A)	10.2Ah
	1 hour rate (7.20A)	7.2Ah
Capacity affected by temperature	40 °C (104°F)	105%
	25 °C (77°F)	100%
	0 °C (32°F)	85%
Internal Resistance		Fully charged battery (25 °C, 77°F) 15mΩ
Constant-Voltage Charge	Cycle	Initial Charging Current less than 3.6A Voltage 14.4~15.0V at 25°C (77°F) Temperature Coefficient -30mV/°C
	Stand by	No limit on Initial Charging Current Voltage 13.5~13.8V at 25°C (77°F) Temperature Coefficient -20mV/°C

• Discharge curves 25°C (77°F)



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	48.00	32.40	22.80	13.80	7.20	4.20	3.09	2.48	2.11	1.39	1.13	0.62
	W	509.5	344.0	242.0	146.5	83.0	48.6	35.75	28.70	24.35	16.05	13.15	7.20
10.20V	A	43.20	29.50	20.50	13.10	6.76	4.03	3.00	2.40	2.06	1.37	1.12	0.61
	W	479.5	327.0	227.5	145.5	78.0	46.7	34.75	27.80	23.90	15.80	12.90	7.00
10.50V	A	40.85	28.08	19.20	12.70	6.54	3.95	2.95	2.28	2.04	1.35	1.10	0.60
	W	463.0	318.0	217.5	144.0	75.7	45.8	34.15	26.40	23.75	15.65	12.80	6.95
10.80V	A	38.00	26.60	18.00	12.35	6.32	3.85	2.90	2.24	1.95	1.31	1.07	0.59
	W	442.0	309.0	209.5	143.5	73.5	44.8	33.75	26.08	22.70	15.00	12.50	6.80
11.10V	A	36.00	25.20	16.80	12.00	6.10	3.75	2.75	2.20	1.87	1.28	1.05	0.57
	W	428.5	299.5	199.5	142.5	72.5	44.5	32.75	26.00	2.20	14.50	12.25	6.75