

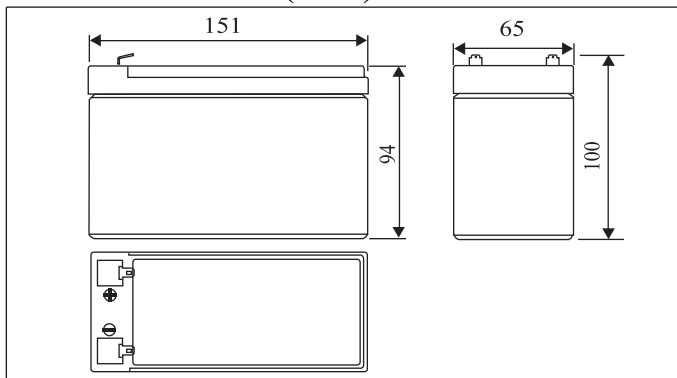
6FM7 (12V7AH)

Specifications

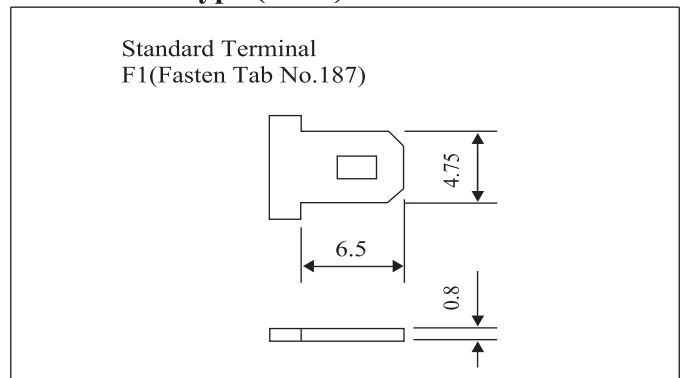
Nominal Voltage		12V
Nominal Capacity (20HR)		7AH
Dimension	Length	151±1mm (5.94 inches)
	Width	65±1mm (2.56 inches)
	Container Height	94±2mm (3.70 inches)
	Total Height	100±2mm (39.4 inches)
Weight		Approx 2.15Kg (4.73 lbs)
Standard Terminal		F1-Fasten Tab No.187



Outer Dimensions (mm)



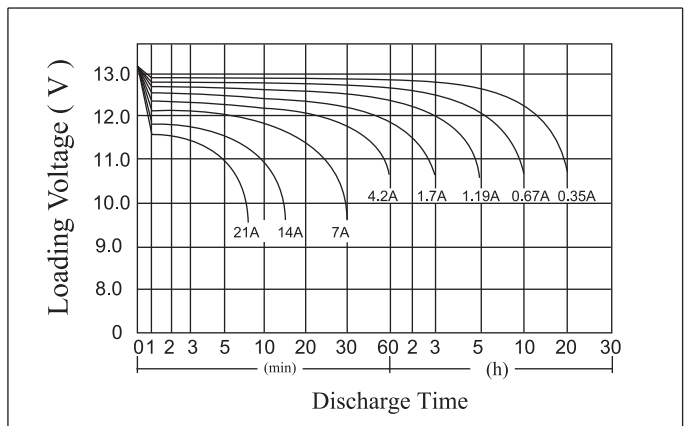
Terminal Type (mm)



Characteristics

Capacity	20 hour rate (0.35A)	7.00Ah
	10 hour rate (0.67A)	6.65Ah
	5 hour rate (1.19A)	5.95Ah
	1 hour rate (4.20A)	4.20Ah
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) 30m Ω
Constant-Voltage Charge	Cycle	Initial Charging Current less than 2.1A 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	28.00	18.90	13.30	8.05	4.20	2.45	1.80	1.45	1.23	0.81	0.66	0.36
	W	297.2	200.7	141.2	85.5	48.4	28.4	20.85	16.74	14.20	9.36	7.67	4.20
10.20V	A	25.20	17.21	11.96	7.64	3.94	2.35	1.75	1.40	1.20	0.80	0.65	0.35
	W	279.7	190.8	132.7	84.9	45.5	27.2	20.27	16.22	13.94	9.22	7.53	4.08
10.50V	A	23.83	16.38	11.20	7.41	3.82	2.30	1.72	1.33	1.20	0.79	0.64	0.35
	W	270.1	185.5	126.9	84.0	44.2	26.7	19.92	15.40	13.85	9.13	7.47	4.05
10.80V	A	22.17	15.52	10.50	7.20	3.69	2.25	1.69	1.31	1.14	0.77	0.63	0.35
	W	257.8	180.3	122.2	83.7	42.9	26.1	19.69	15.21	13.24	8.75	7.29	3.97
11.10V	A	21.00	14.70	9.80	7.00	3.56	2.19	1.60	1.28	1.09	0.75	0.61	0.33
	W	250.0	174.7	116.4	83.1	42.3	26.0	19.10	15.17	12.95	8.46	7.15	3.94