

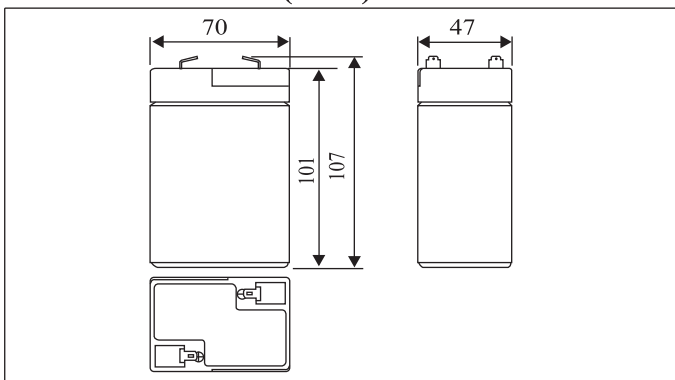
## 3FM4.5 (6V4.5AH)

### • Specifications

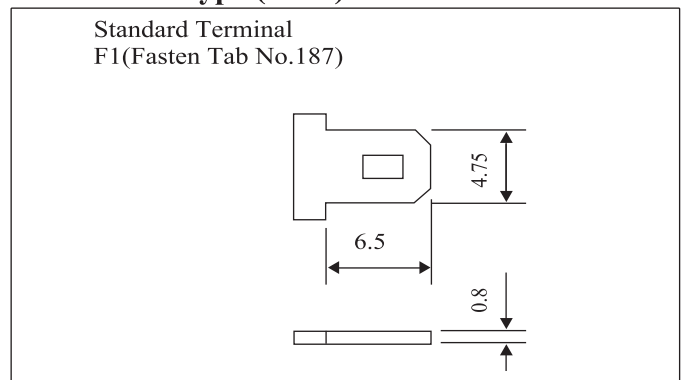
Nominal Voltage		6V
Nominal Capacity (20HR)		4.5AH
Dimension	Length	70±1mm (2.76 inches)
	Width	47±1mm (1.85 inches)
	Container Height	101±2mm (3.98 inches)
	Total Height	107±2mm (4.21 inches)
Weight		Approx 0.83Kg (1.83 lbs)
Standard Terminal		F1-Fasten Tab No.187



### • Outer Dimensions ( mm )



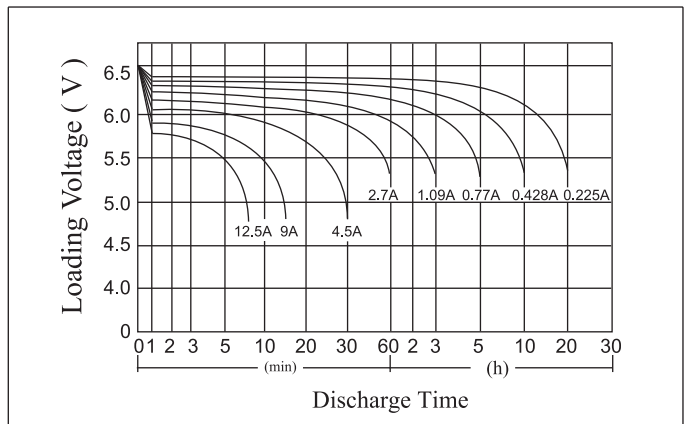
### • Terminal Type ( mm )



### • Characteristics

Capacity	20 hour rate (0.225A)	4.50Ah
	10 hour rate (0.428A)	4.28Ah
	5 hour rate (0.766A)	3.83Ah
	1 hour rate (2.70A)	2.70Ah
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) 25mΩ
Constant-Voltage Charge	Cycle	Initial Charging Current less than 1.35A Voltage 7.20~7.50V at 25°C (77°F) Temperature Coefficient -15mV/°C
	Stand by	No limit on Initial Charging Current Voltage 6.75~6.90V at 25°C (77°F) Temperature Coefficient -10mV/°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
4.80V	A	18.0	12.2	8.6	5.2	2.70	1.58	1.16	0.93	0.79	0.52	0.43	0.230
	W	96	65	45	27	15.6	9.1	6.7	5.4	4.6	3.0	2.5	1.35
5.10V	A	16.2	11.1	7.7	4.9	2.53	1.51	1.13	0.90	0.77	0.51	0.42	0.230
	W	90	61	43	27	14.6	8.7	6.5	5.2	4.5	3.0	2.4	1.31
5.25V	A	15.3	10.5	7.2	4.8	2.45	1.48	1.11	0.86	0.77	0.51	0.41	0.225
	W	87	60	41	27	14.2	8.6	6.4	5.0	4.5	2.9	2.4	1.30
5.40V	A	14.3	10.0	6.8	4.6	2.37	1.44	1.09	0.84	0.73	0.49	0.40	0.223
	W	83	58	39	27	13.8	8.4	6.3	4.9	4.3	2.8	2.3	1.28
5.55V	A	13.5	9.5	6.3	4.5	2.29	1.41	1.03	0.82	0.70	0.48	0.39	0.210
	W	80	56	37	27	13.6	8.3	6.1	4.9	4.2	2.7	2.3	1.27