

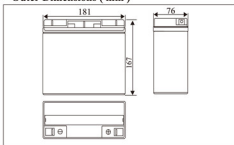
## 6FM18 (12V18AH)

### • Specifications

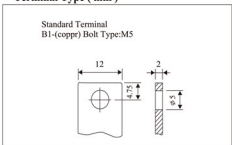
Nominal Voltage		12V
Nominal Capacity (20HR)		18AH
Dimension	Length	181±1mm (7.13 inches)
	Width	76±1mm (2.99 inches)
	Container Height	167±2mm (6.57 inches)
	Total Height	167±2mm (6.57 inches)
Weight		Approx 5.7 Kg (13.2 lbs)
Standard Terminal		F1-Fasten Tab No.187



### • Outer Dimensions ( mm )



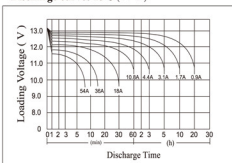
### • Terminal Type ( mm )



### • Characteristics

Capacity	20 hour rate (0.9A)	18.0Ah
	10 hour rate (1.7A)	17.1Ah
	5 hour rate (3.1A)	15.3Ah
	1 hour rate (10.8A)	10.8Ah
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 5.4A 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	72.00	48.60	34.20	20.70	10.80	6.30	4.64	3.72	3.16	2.08	1.70	0.93
	W	764.2	516.0	363.0	219.7	124.5	72.9	53.63	43.05	36.53	24.08	19.72	10.80
10.20V	A	64.80	44.25	30.75	19.65	10.14	6.04	4.50	3.60	3.10	2.05	1.67	0.91
	W	719.2	490.5	341.2	218.3	117.0	70.0	52.12	41.70	35.85	23.70	19.35	10.50
10.50V	A	61.28	42.12	28.80	19.05	9.81	5.93	4.42	3.42	3.06	2.03	1.66	0.90
	W	694.5	477.0	326.3	216.0	113.5	68.6	51.22	39.60	35.63	23.48	19.20	10.43
10.80V	A	57.00	39.90	27.00	18.83	9.48	5.77	4.35	3.36	2.93	1.97	1.61	0.88
	W	663.0	463.5	314.2	215.2	110.3	67.2	50.63	39.11	34.05	22.50	18.75	10.20
11.10V	A	54.00	37.80	25.20	18.00	9.15	5.63	4.13	3.30	2.80	1.92	1.58	0.86
	W	642.7	449.2	299.3	213.8	108.8	66.7	49.13	39.00	33.30	21.75	18.37	10.13