

6FM17 (12V17AH)

• Specification

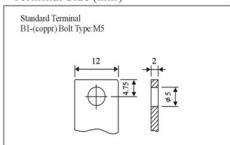
Nominal Voltage		12V
Nominal Capacity (10HR)		17AH
Dimensions	Length	181 ± 1mm
	Width	76 ± 1mm
	Container Height	167 ± 2mm
	Total Height	167 ± 2mm
Weight		5.2 Kg
Standard Terminal		F1-Fasten Tab No. 187



• Dimensions (mm)



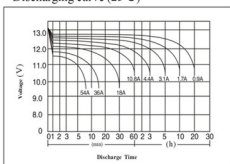
• Terminal Size (mm)



• Performance

Capacity (25°C)	20 hour rate (0.9A)	17.0Ah
	10 hour rate (1.7A)	15.6Ah
	5 hour rate (3.1A)	14.5Ah
	1hour rate (10.8A)	10.2Ah
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	Constant Voltage 14.4~15.0V, The initial current is smaller than 4.8A
	Standby	Constant Voltage 13.5~13.8V, The initial current is smaller than 2.55A

• Discharging curve (25°C)



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

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