



## MP26-12

**Nominal Voltage(V)** 12V

### Nominal Capacity

20 hour rate	(1.3A	to	10.50V)	26.00Ah
10 hour rate	(2.47A	to	10.50V)	24.70Ah
5 hour rate	(4.42A	to	10.20V)	22.10Ah
1 C	(26A	to	9.60V)	14.73Ah
3 C	(78A	to	9.60V)	10.40Ah

**Weight Approx.:** 9.1kg (20.0Lbs.)

**Internal Resistance (at 1KHz) Approx.** 7.2 mΩ

**Maximum Discharge Current for 5 seconds:** 390A

### Charging Methods at 25°C (77°F)

Cycle use:	
Charging Voltage	14.7 to 14.8V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current:	7.8A
Standby use:	
Float Charging Voltage	13.5 to 13.8V
Coefficient -3.0mV/°C/cell	

### Operating Temperature Range

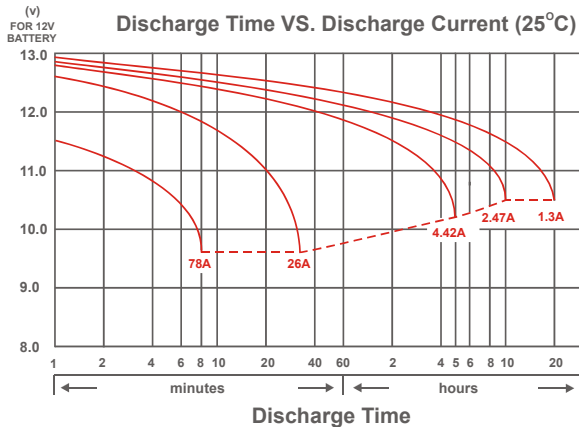
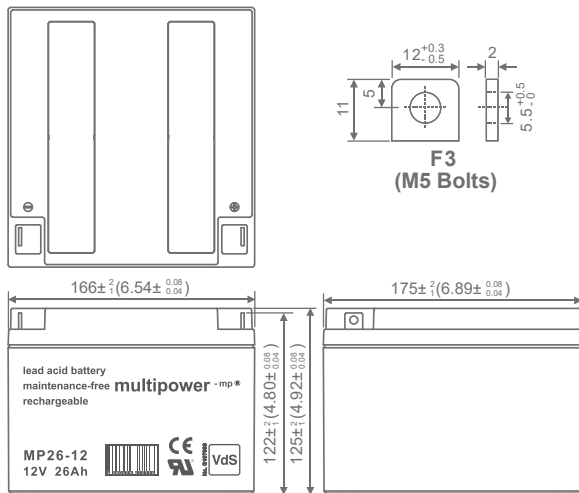
Charge	-15°C (5°F)	to	40°C (104°F)
Discharge	-15°C (5°F)	to	50°C (122°F)
Storage	-15°C (5°F)	to	40°C (104°F)

### Charge Retention (shelf life) at 20°C (68°F)

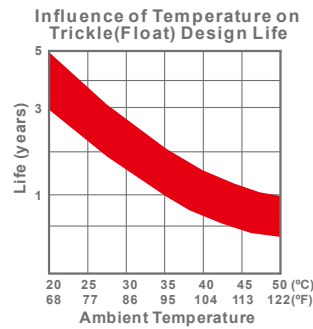
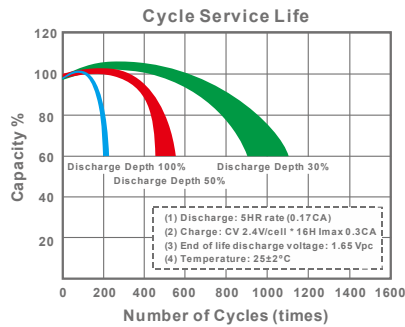
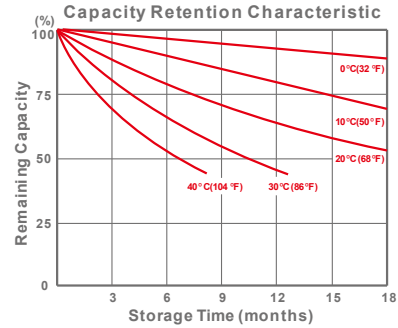
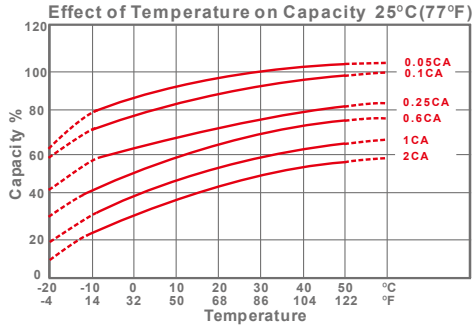
1 month	97%
3 month	92%
6 month	85%

**Case Material** ABS UL94 HB

**Terminal** F3



## CHARACTERISTIC & PERFORMANCE DATA



### - PERFORMANCE DATA

#### Discharge Rates in Watts per Cell to Various End Voltages at 25°C(77°F)

End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
Time	min							
10	min	104	114	119	124	129	131	133
15	min	75.6	88.5	95.6	98.9	101	103	104
30	min	42.3	45.3	47.2	48.7	49.7	50.5	51.3
60	min	29.6	30.8	31.8	32.4	33.0	33.5	33.9
120	min	18.8	19.4	19.8	20.2	20.5	20.7	20.9
180	min	12.5	12.9	13.1	13.3	13.5	13.7	14.0
240	min	10.1	10.3	10.5	10.6	10.8	10.9	11.0
300	min	8.59	8.77	8.91	8.96	8.99	9.01	9.02
600	min	4.80	4.90	4.94	4.97	4.99	5.01	5.03
1200	min	2.57	2.62	2.65	2.68	2.71	2.74	2.76

#### - Discharge Rates in Amperes per Battery to Various End Voltages at 25°C(77°F)

End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
Time	min							
10	min	55.6	62.7	64.8	66.1	67.4	68.7	69.9
15	min	43.8	45.7	48.8	49.8	50.7	51.6	52.5
30	min	25.2	27.8	28.9	29.8	30.5	31.1	31.7
60	min	15.0	15.6	16.2	16.5	16.8	17.2	17.5
120	min	9.12	9.35	9.60	9.70	9.80	9.89	10.0
180	min	6.32	6.45	6.59	6.73	6.87	7.00	7.13
240	min	5.37	5.48	5.54	5.60	5.65	5.70	5.74
300	min	4.38	4.46	4.51	4.55	4.60	4.64	4.69
600	min	2.40	2.44	2.48	2.49	2.51	2.53	2.55
1200	min	1.27	1.29	1.32	1.33	1.34	1.35	1.36

All data on the spec. sheet is an average value:

The tolerance range :  $X < 6\text{min}$ (+15%~-15%),  $6\text{min} \leq X < 10\text{min}$ (+12%~-12%),  $10\text{min} \leq X < 60\text{min}$ (+8%~-8%),  $X \geq 60\text{min}$ (+5%~-5%)