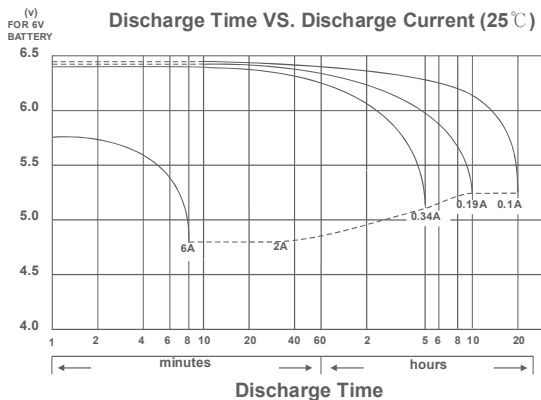
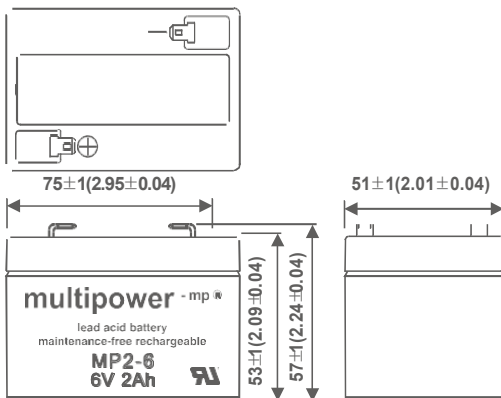
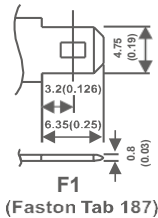


RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION

MP2-6



Nominal Voltage(V) 6V

Nominal Capacity

20 hour rate	(0.1A	to	5.25V)	2Ah
10 hour rate	(0.19A	to	5.25V)	1.9Ah
5 hour rate	(0.34A	to	5.1V)	1.7Ah
1 C	(2A	to	4.8V)	1.13Ah
3 C	(6A	to	4.8V)	0.8Ah

Weight Approx. 510g(1.12Lbs.)

Internal Resistance (at 1KHz) Approx. 26 mΩ

Maximum Discharge Current for

5 seconds: 30A

Charging Methods at 25°C (77°F)

Cycle use:	
Charging Voltage	7.35 to 7.40V
Coefficient	-5.0mV/°C/cell
Maximum Charging Current:	0.6A
Standby use:	
Float Charging Voltage	6.75 to 6.90V
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	92%
3 month	90%
6 month	80%

Case Material

ABS
(UL94 HB flame retardant case / cover)

Terminal

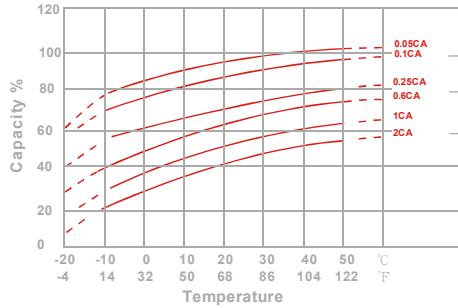
F1(Faston Tab 187)

RECHARGEABLE SEALED LEAD ACID BATTERY

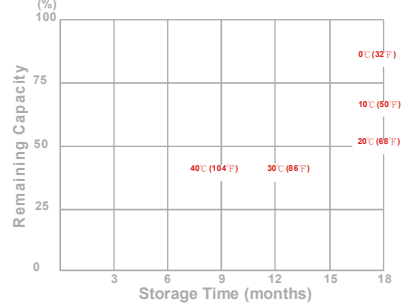
SPECIFICATION

CHARACTERISTIC & PERFORMANCE DATA

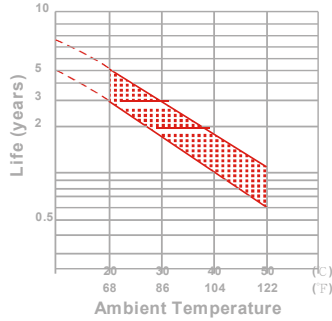
Effect of Temperature on Capacity 25°C (77°F)



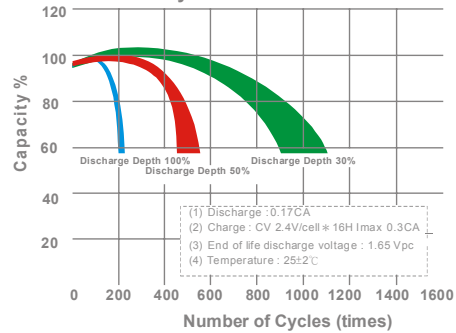
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



- PERFORMANCE DATA

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

Time	End Voltage	1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	29.0	33.1	36.1	38.7	39.8	41.0	42.7
10	min	18.9	21.8	24.3	25.9	26.6	27.3	28.4
15	min	16.5	18.4	19.5	20.3	20.6	21.0	21.4
30	min	10.7	11.6	12.2	12.7	12.9	13.1	13.3
60	min	6.55	6.92	7.18	7.38	7.45	7.54	7.64
120	min	3.86	4.13	4.32	4.46	4.51	4.57	4.65
180	min	2.65	2.88	3.04	3.16	3.20	3.25	3.32
240	min	2.08	2.27	2.40	2.49	2.52	2.56	2.61
300	min	1.76	1.93	2.04	2.11	2.13	2.16	2.20
600	min	1.11	1.17	1.21	1.24	1.26	1.27	1.29
1200	min	0.582	0.614	0.634	0.650	0.655	0.660	0.666

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

Time	End Voltage	1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	5.44	6.25	6.93	7.62	7.88	8.22	8.69
10	min	3.62	4.26	4.60	4.91	5.03	5.17	5.39
15	min	2.77	3.22	3.48	3.68	3.76	3.84	3.94
30	min	1.78	2.03	2.17	2.28	2.32	2.37	2.42
60	min	1.17	1.24	1.29	1.32	1.33	1.34	1.35
120	min	0.703	0.746	0.764	0.777	0.781	0.786	0.792
180	min	0.490	0.521	0.534	0.545	0.548	0.552	0.557
240	min	0.394	0.411	0.422	0.431	0.434	0.437	0.441
300	min	0.342	0.353	0.361	0.367	0.370	0.373	0.376
600	min	0.190	0.199	0.205	0.210	0.212	0.213	0.215
1200	min	0.098	0.103	0.106	0.109	0.110	0.111	0.112

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%)