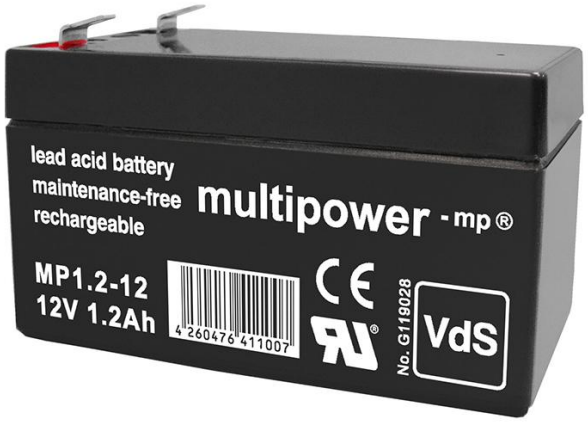
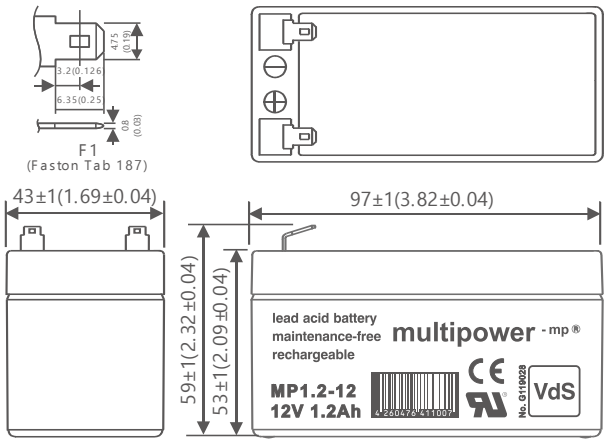
RECHARGEABLE SEALED LEAD ACID BATTERY SPECIFICATION



MP1,2-12

Nominal Voltage(V)				12V
Nominal Capacity				
20 hour rate	(0.06A	to	10.50V)	1.20Ah
10 hour rate	(0.114A	to	10.50V)	1.14Ah
5 hour rate	(0.204A	to	10.20V)	1.02Ah
1 C	(1.2A	to	9.60V)	0.68Ah
3 C	(3.6A	to	9.60V)	0.48Ah
Weight Approx.:				550g (1.21Lbs.)
Internal Resistance (at 1KHz) Approx.				60.5 mΩ
Maximum Discharge Current for 5 seconds:				18A



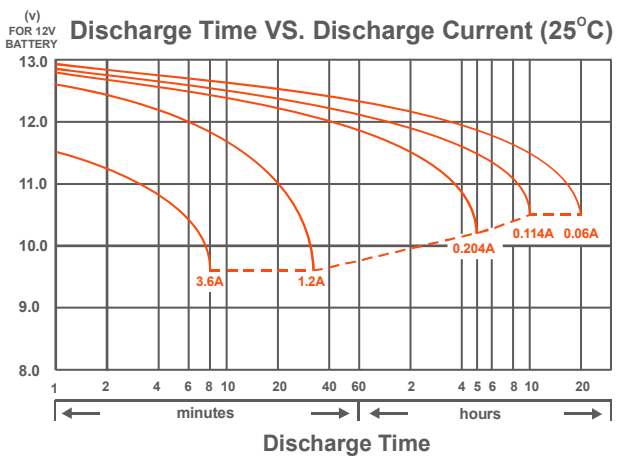
Charging Methods at 25℃ (77℉)

Cycle use:

Charging Voltage	14.7 to 14.8V
Coefficient -5.0mV/℃/cell	
Maximum Charging Current：	0.36A

Standby use:

Float Charging Voltage	13.5 to 13.8V
Coefficient -3.0mV/℃/cell	



Operating Temperature Range

Charge	-15℃ (5℉)	to	40℃ (104℉)
Discharge	-15℃ (5℉)	to	50℃ (122℉)
Storage	-15℃ (5℉)	to	40℃ (104℉)

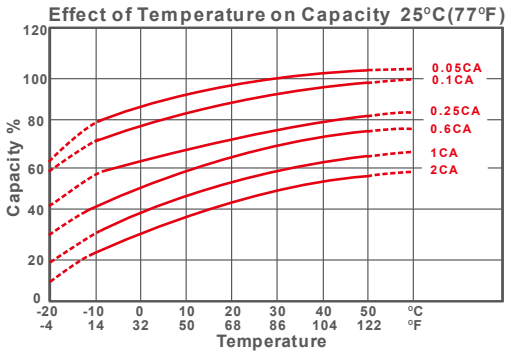
Charge Retention (shelf life) at 20℃ (68℉)

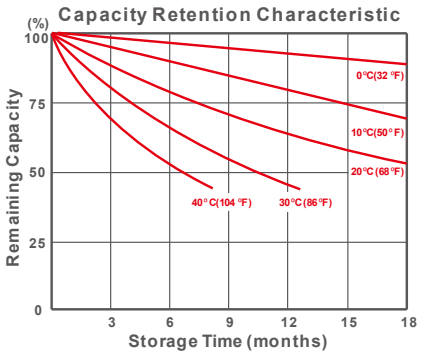
1 month	97%
3 month	92%
6 month	85%

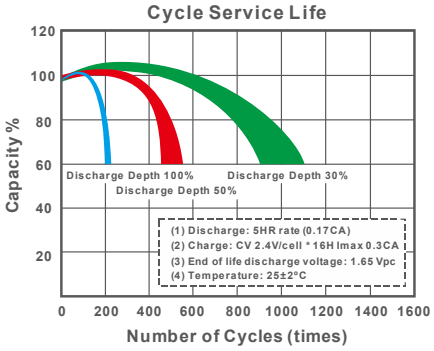
Case Material	ABS UL94 HB
Terminal	F1 (Faston Tab 187)

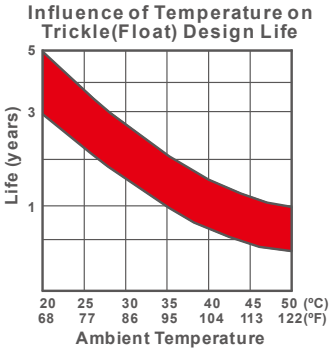
JAN 2026

CHARACTERISTIC & PERFORMANCE DATA









- PERFORMANCE DATA

Discharge Rates in Watts per Cell to Various End Voltages at 25℃(77℉)

Time \ End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
10	min	6.06	6.29	6.50	6.70	6.83	6.92	6.97
15	min	4.20	4.70	4.87	4.96	5.04	5.09	5.13
30	min	2.67	2.75	2.82	2.87	2.92	2.95	2.98
60	min	1.36	1.41	1.46	1.51	1.55	1.58	1.60
120	min	0.897	0.933	0.967	0.988	1.005	1.018	1.025
180	min	0.590	0.612	0.630	0.645	0.657	0.663	0.670
240	min	0.510	0.518	0.527	0.535	0.543	0.552	0.560
300	min	0.442	0.455	0.465	0.472	0.476	0.479	0.482
600	min	0.248	0.254	0.257	0.258	0.260	0.262	0.264
1200	min	0.139	0.144	0.146	0.148	0.149	0.150	0.151

- Discharge Rates in Amperes per Battery to Various End Voltages at 25℃(77℉)

Time \ End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
10	min	3.15	3.29	3.35	3.38	3.41	3.43	3.45
15	min	2.19	2.42	2.56	2.67	2.72	2.77	2.81
30	min	1.29	1.34	1.38	1.40	1.42	1.44	1.46
60	min	0.694	0.720	0.742	0.756	0.768	0.777	0.787
120	min	0.475	0.484	0.489	0.496	0.502	0.507	0.510
180	min	0.314	0.322	0.328	0.331	0.334	0.336	0.338
240	min	0.259	0.265	0.269	0.272	0.274	0.275	0.276
300	min	0.229	0.236	0.240	0.242	0.244	0.246	0.248
600	min	0.124	0.127	0.129	0.130	0.131	0.132	0.132
1200	min	0.060	0.066	0.070	0.072	0.074	0.076	0.077

All data on the spec. sheet is an average value:
The tolerance range : X<6min(+15%~-15%), 6min≦X<10min(+12%~-12%),10min ≦X < 60min(+8% ~-8%), X≧60min(+5%~-5%)

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