

## EXP1233 (12V 3.3Ah)

### Specification

Cells Per Unit	3
Voltage Per Unit	12
Nominal Capacity	3.3Ah@20hour-rate to 1.75V per cell @77°F
Weight	Approx. 2.8 lbs (Tolerance±5.0%)
Internal Resistance	Approx. 33m Ω
Terminal	F1
Max. Discharge Current	48A (5 sec)
Design Life	6~8 years (Float charging)
Max. Charging Current	0.99A
Standby Use Voltage	13.6V~13.8V @ 77°F Temperature Compensation: -3mV/°C/Cell
Cycle Use Voltage	14.5V~14.9V @ 77°F Temperature Compensation: -4mV/°C/Cell
Operating Temperature Range	Discharge: 5°F~122°F Charge: 5°F~104°F Storage: 5°F~104°F
Normal Operating Temperature Range	77°F±5°F
Self Discharge	EXP Valve Regulated Lead Acid (VRLA) batteries can be stored for up to 6 months at 77°F, after which recharging is recommended. The monthly self-discharge ratio is less than 3% at 77°F. Please ensure that you charge the batteries before using them.
Container Material	A.B.S. UL94-HB, UL94-V0 Optional.



The EXP series is a general-purpose battery with a designed life of 6-8 years in float service. It meets the standards of IEC, JIS, BS, GB/T, and YD/T. With advanced AGM valve-regulated technology and high-purity raw materials, the EXP series battery maintains high consistency for better performance and reliable standby service life. It is suitable for UPS/EPs, medical equipment, emergency lighting, and security system applications.



ISO 9001



ISO 14001



OHSAS 18001

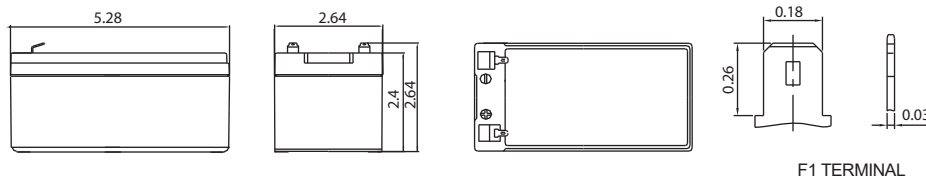


MH 61046



G4M20206-0910-E-16

### Dimensions



Length	5.28 ± 0.06in
Width	2.64 ± 0.06in
Height	2.4 ± 0.06in
Total Height	2.64 ± 0.06in
Terminal	F1

Unit: inch

### Constant Power Discharge (CP, Unit: A) at 25°C (77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	5HR	8HR	10HR	20HR
9.00V	11.24	7.17	5.77	3.49	1.94	1.08	0.77	0.53	0.37	0.31	0.17
10.20V	10.69	6.81	5.54	3.35	1.87	1.06	0.76	0.52	0.36	0.30	0.17
10.50V	10.36	6.59	5.40	3.27	1.82	1.05	0.75	0.52	0.36	0.30	0.17
10.80V	10.03	6.38	5.26	3.18	1.77	1.04	0.74	0.51	0.36	0.29	0.16

### Constant Power Discharge (CP, Unit: W) at 25°C (77°F)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	5HR	8HR	10HR	20HR
9.60V	125.17	80.81	65.62	40.04	22.54	12.61	9.17	6.32	4.40	3.70	1.99
10.20V	119.09	76.56	63.19	38.46	21.63	12.44	9.05	6.26	4.36	3.62	1.97
10.50V	115.44	74.13	61.61	37.49	21.08	12.30	8.93	6.17	4.34	3.55	1.93
10.80V	111.80	71.70	60.03	36.52	20.54	12.17	8.81	6.08	4.32	3.47	1.89

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