



RA12-40 (12V40Ah)

RA12-40 is a general purpose battery with 10 years floating design life, meet with IEC, JIS .BS and Eurobat standard. With heavy duty grid, thickness plates, special additives, RA series battery have long and reliable standby service life. Our RA Series batteries keep high consistant for better performance in series usage.



Specification

Cells Per Unit	6
Voltage Per Unit	12
Capacity	40Ah@10hr-rate to 1.80V per cell @25°C
Weight	Approx. 13.0 Kg
Max. Discharge Current	400A (5 sec)
Internal Resistance	Approx. 8 mΩ
Operating Temperature Range	Discharge: -20°C~60°C Charge: 0°C~50°C Storage: -20°C~60°C
Normal Operating Temperature Range	25°C±5°C
Float charging Voltage	13.6 to 13.8 VDC/unit Average at 25°C
Recommended Maximum Charging Current Limit	12 A
Equalization and Cycle Service	14.6 to 14.8 VDC/unit Average at 25°C
Self Discharge	RITAR Valve Regulated Lead Acid (VRLA) batteries can be stored for more than 6 months at 25°C. Self-discharge ratio less than 3% per month at 25°C. Please charge batteries before using.
Terminal	Terminal F4/F11
Container Material	A.B.S. (UL94-HB), Flammability resistance of UL94-V1 can be available upon request.



MH28539



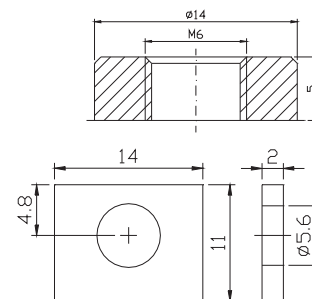
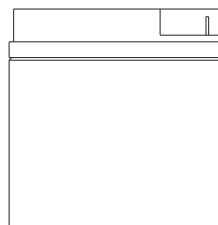
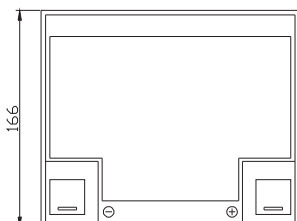
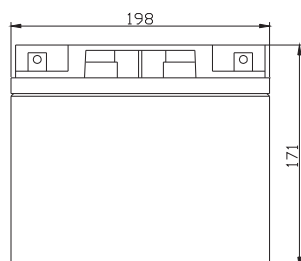
G4M20206-0910-E-16



ISO9001:2000 Certificate

Dimensions

Unit: mm Dimension: 198(L)×166(W)×171(H)



Constant Current Discharge Characteristics: A (25°C)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	134.0	98.68	76.92	46.88	26.00	15.55	10.74	8.894	7.488	5.115	4.242	2.264
10.0V	130.2	93.89	75.35	46.07	25.88	15.43	10.70	8.853	7.444	5.073	4.202	2.222
10.2V	126.3	90.58	74.16	45.22	25.64	15.31	10.61	8.812	7.400	5.032	4.161	2.181
10.5V	113.4	83.58	70.61	44.87	25.40	15.20	10.57	8.729	7.312	4.990	4.120	2.140
10.8V	102.4	76.22	65.09	44.11	24.80	14.93	10.28	8.524	7.180	4.907	4.079	2.099
11.1V	87.40	68.12	58.38	41.29	23.56	14.26	9.832	8.112	6.871	4.699	3.957	1.976

Constant Power Discharge Characteristics: W(25°C)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	1414	1051	838.6	526.0	300.4	183.3	127.8	106.0	89.33	61.07	50.70	27.14
10.0V	1386	1019	825.1	519.6	299.7	182.3	127.8	105.9	89.10	60.78	50.38	26.67
10.2V	1370	991.8	815.8	515.9	297.4	181.2	127.3	105.7	88.80	60.38	49.93	26.18
10.5V	1247	923.6	778.2	512.3	294.7	179.9	126.8	104.7	87.74	59.88	49.44	25.68
10.8V	1136	851.3	719.3	504.1	289.3	177.6	123.3	102.3	86.16	58.88	48.95	25.19
11.1V	998.0	769.7	647.5	474.8	276.9	171.0	118.0	97.34	82.46	56.39	47.48	23.71

All mentioned values are average values.