



# RA12-260D (12V260Ah)

RA12-260D is AGM Deep cycle battery with 10 years floating design life, specially designed for frequent cyclic discharge usage. By using strong grid and specific paste plate, it makes battery have 30% more cyclic life time than standby series. It is applicable for solar energy system, golf cart, electric wheelchair, etc..



## Specification

Cells Per Unit	6
Voltage Per Unit	12
Capacity	260Ah@10hr-rate to 1.75V per cell @25°C
Weight	Approx. 74.0 Kg
Max. Discharge Current	2600 A (5 sec)
Internal Resistance	Approx. 3.5 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	78 A
Equalization and Cycle Service	14.6 to 14.8 VDC/unit Average at 25°C
Self Discharge	RITAR 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 F14
Container Material	A.B.S. (UL94-HB), Flammability resistance of UL94-V1 can be available upon request.



MH28539



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ISO9001:2000 Certificate

## Dimensions

Unit: mm Dimension: 520(L)×268(W)×220(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	169.0	94.4	67.9	46.0	32.3	27.31	14.44	9.82	6.07	4.54	3.32	2.89
10.0V	168.2	93.7	67.6	45.7	32.0	27.05	14.18	9.64	5.96	4.46	3.26	2.84
10.2V	166.7	93.0	67.1	45.4	31.8	26.78	13.92	9.46	5.84	4.37	3.20	2.78
10.5V	165.1	92.3	66.8	44.9	31.5	26.52	13.65	9.28	5.73	4.29	3.14	2.73
10.8V	161.2	90.6	65.0	44.1	31.0	26.26	13.39	9.11	5.62	4.21	3.08	2.68
11.1V	153.1	86.6	62.1	42.2	29.7	25.47	12.60	8.57	5.29	3.96	2.90	2.52

### Constant Power Discharge Characteristics: W (25°C)

F.V/Time	5MIN	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
9.60V	1933	1086	783	532	375	307	162.2	110.3	68.1	51.0	37.3	32.4
10.0V	1923	1082	782	529	373	304	160.6	109.2	67.5	50.5	36.9	32.1
10.2V	1909	1072	777	527	370	302	159.0	108.1	66.8	50.0	36.6	31.8
10.5V	1891	1062	772	522	367	299	157.5	107.1	66.1	49.5	36.2	31.5
10.8V	1844	1046	753	514	359	296	155.9	106.0	65.5	49.0	35.9	31.2
11.1V	1747	998	716	488	346	287	149.6	101.7	62.8	47.0	34.4	29.9

All mentioned values are average values.