

Specification

Cells Per Unit	6
Voltage Per Unit	12
Nominal Capacity	80Ah@10hour-rate to 1.80V per cell @25°C
Weight	Approx. 21.5 Kg (Tolerance ± 3.0%)
Internal Resistance	Approx. 6.0 mΩ
Terminal	F5(M8)/F11(M6)
Max. Discharge Current	800A (5 sec)
Short Circuit Current	1840A
Design Life	12 years (Float charging)
Max. Charging Current	24.0A
Reference Capacity	C3 61.8AH C5 70.0AH C10 80.0AH C20 84.8AH
Standby Use Voltage	13.6 V~13.8 V @ 25°C Temperature Compensation: -3mV/°C/Cell
Cycle Use Voltage	14.6 V~14.8 V @ 25°C Temperature Compensation: -4mV/°C/Cell
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
Self Discharge	RITAR Valve Regulated Lead Acid (VRLA) batteries can be stored for up to 6 months at 25°C and then recharging is recommended. Monthly Self-discharge ratio is less than 3% at 25°C.Please charge batteries before using.
Container Material	A.B.S. UL94-HB, UL94-V0 Optional.

RA series is a general purpose battery with 12 years design life in float service. It meets with IEC, JIS, BS, GB/T and YD/T standards. With advanced AGM valve regulated technology and high purity raw material, the RA series battery maintains high consistency for better performance and reliable standby service life. It is suitable for UPS/EPS, Telecom, power grid, medical equipment, emergency light and security system applications.







ISO 9001

ISO 14001

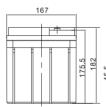


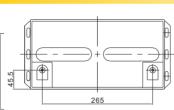
MH 2853

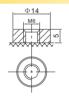
G4M20206-0910-E-16

Dimensions









F	11	Т	ΕI	R١	ИI	N	Α
•		•		٠.	•••		٠.

Length	350±2mm (13.8 inches)					
Width	167±2mm (6.57 inches)					
Height	182±2mm (7.17 inches)					
Total Height	182±2mm (7.17 inches)					
Terminal	Value					
M5	6~7 N*m					
M6	8~10 N*m					
M8	10~12 N*m					
	Unit: mm					

Constant Current Discharge Characteristics : A (25°C)

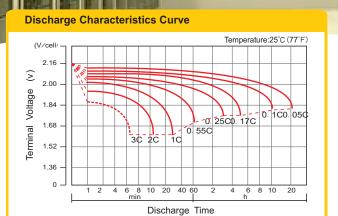
		0		•	,						
F.V/Time	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	195.3	148.3	87.6	48.9	29.1	22.6	17.7	15.1	10.1	8.44	4.41
1.65V	184.5	141.8	84.1	47.2	28.2	21.9	17.3	14.7	10.0	8.34	4.34
1.70V	169.9	132.8	80.4	45.7	27.3	21.3	16.8	14.3	9.87	8.21	4.29
1.75V	155.5	123.6	76.8	44.0	26.3	20.6	16.4	14.0	9.74	8.10	4.24
1.80V	140.7	114.1	73.4	42.3	25.4	20.0	15.9	13.6	9.57	8.00	4.20
1.85V	115.0	94.7	63.3	38.0	23.2	18.5	14.8	12.7	8.99	7.53	3.99

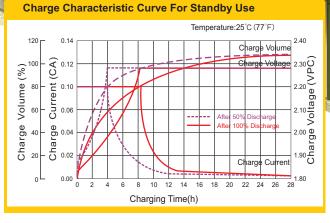
Constant Power Discharge Characteristics : WPC (25°C)

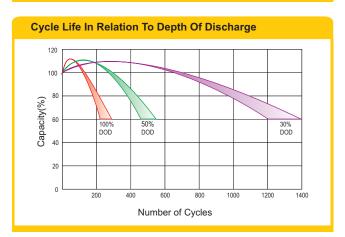
F.V/Time	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	331.9	259.3	159.1	91.9	55.2	43.1	34.0	29.1	19.8	16.6	8.69
1.65V	319.7	251.6	154.4	89.2	53.7	41.9	33.2	28.4	19.6	16.4	8.57
1.70V	299.7	239.2	149.0	86.9	52.2	41.0	32.5	27.8	19.4	16.2	8.47
1.75V	279.3	225.8	143.9	84.2	50.6	39.9	31.8	27.2	19.1	16.0	8.38
1.80V	257.2	211.4	138.9	81.4	49.1	38.8	31.0	26.6	18.9	15.8	8.31
1.85V	213.9	177.9	120.8	73.5	45.2	36.1	28.9	24.9	17.7	14.9	7.90

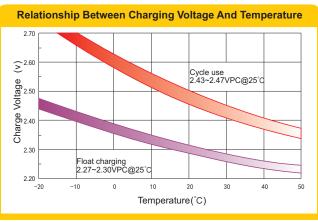
RA12-80(12V80Ah

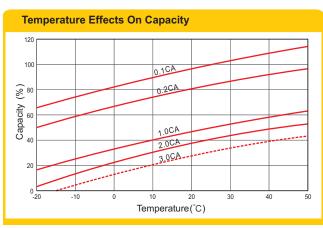


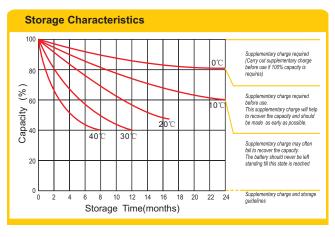


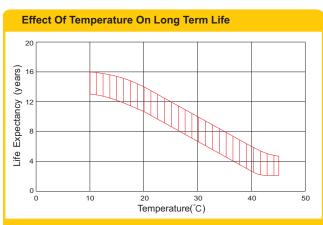


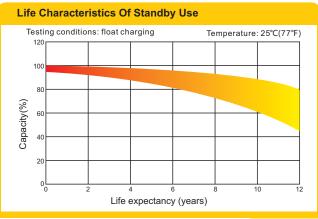












(Note) All above information shall be changed without prior notice, Ritar reserves the right to explain and update the latest information.