



RA12-33G(12V33Ah)

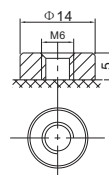
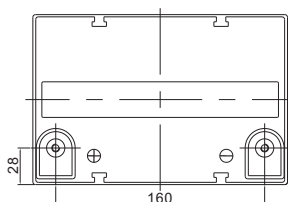
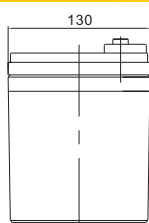
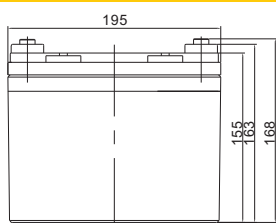
Specification

Weight

Approx. 9.6 Kg (Tolerance $\pm 3.0\%$)



RA-G series is hybrid GEL battery with 12 years floating design life, it is ideal for standby discharge application. By using strong grids, high purity lead and patented Gel electrolyte, the series maintains high consistency for better performance and reliable standby service life. Suitable for UPS/EPS, Telecom, power grid, medical equipment, emergency light and security system applications.



F11 TERMINAL

Length	195 \pm 2mm (7.68 inches)
Width	130 \pm 2mm (5.12 inches)
Height	155 \pm 2mm (6.10 inches)
Total Height	168 \pm 2mm (6.61 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)

F.V/Time	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	79.8	60.7	35.8	20	11.9	9.3	7.28	6.17	3.84	3.18	1.63
1.65V	72.3	55.9	33.7	19.3	11.4	9	7.01	5.97	3.81	3.16	1.63
1.70V	67.3	52.7	31.7	18.6	11.2	8.6	6.85	5.81	3.75	3.08	1.77
1.75V	61.1	49.6	30.6	18.1	10.8	8.3	6.67	5.63	3.70	3.06	1.75
1.80V	56.5	45.2	29.6	17.3	10.5	8.2	6.51	5.61	3.63	3.03	1.73
1.85V	42.8	37.4	24.8	15.4	9.5	7.5	6.07	5.12	3.43	2.85	1.64

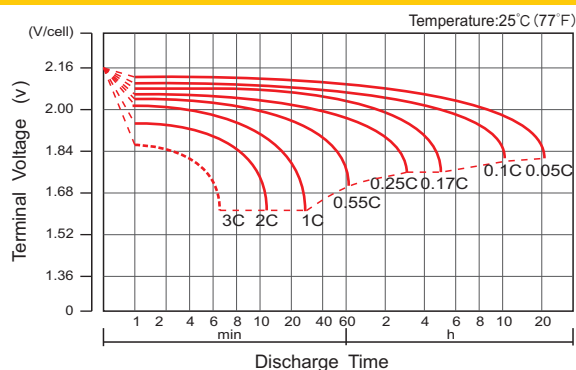
Constant Power Discharge Characteristics : WPC (25°C)

F.V/Time	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	136.1	105.8	65	37.5	22.5	17.6	13.9	11.6	7.49	6.23	3.30
1.65V	131.1	103	63.5	36.5	21.8	17.1	13.6	11.2	7.42	6.15	3.28
1.70V	122	97.2	60.2	35.7	21.3	16.3	13.2	10.9	7.36	6.06	3.26
1.75V	113.4	91.7	58.13	34.4	20.5	15.9	12.9	10.7	7.15	5.97	3.19
1.80V	104.5	84	56.27	33.4	20.1	15.9	12.7	10.6	7.03	5.89	3.16
1.85V	80.2	70.6	47.72	29.9	18.5	14.7	11.8	9.8	6.7	5.65	3.21

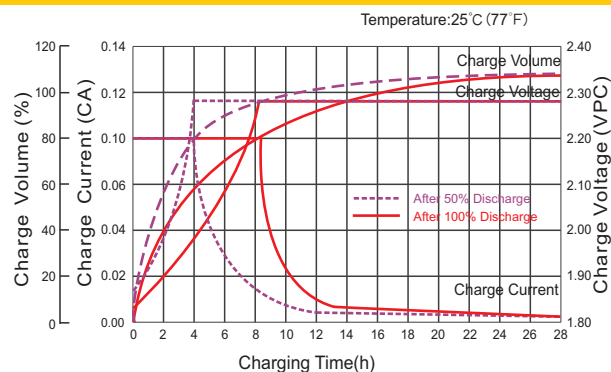
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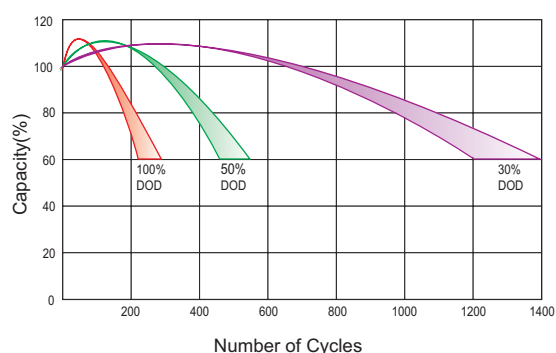
Discharge Characteristics Curve



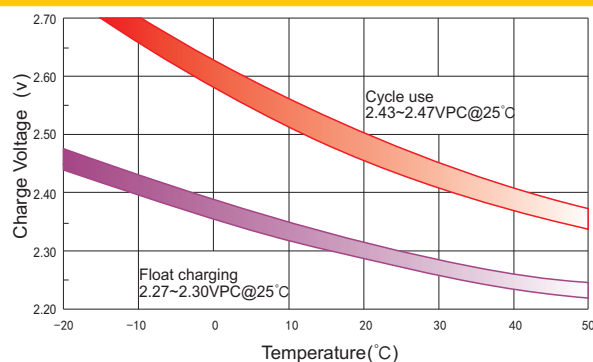
Charge Characteristic Curve For Standby Use



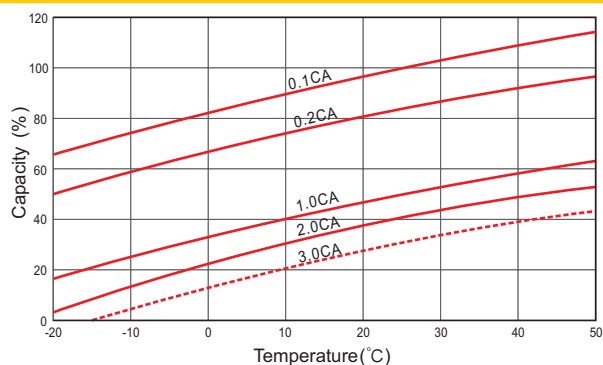
Cycle Life In Relation To Depth Of Discharge



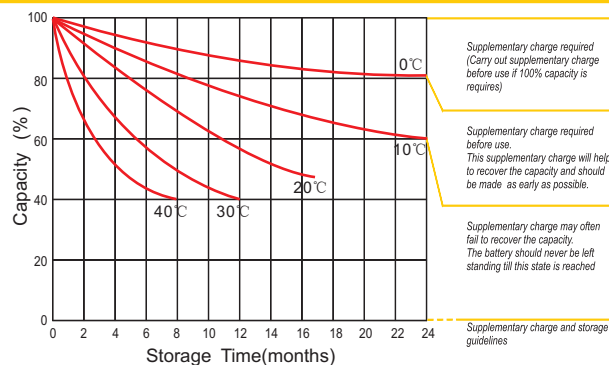
Relationship Between Charging Voltage And Temperature



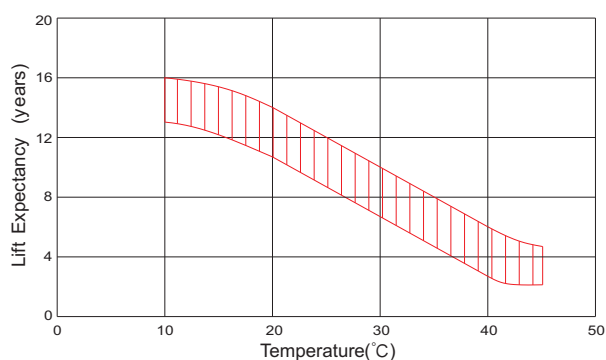
Temperature Effects On Capacity



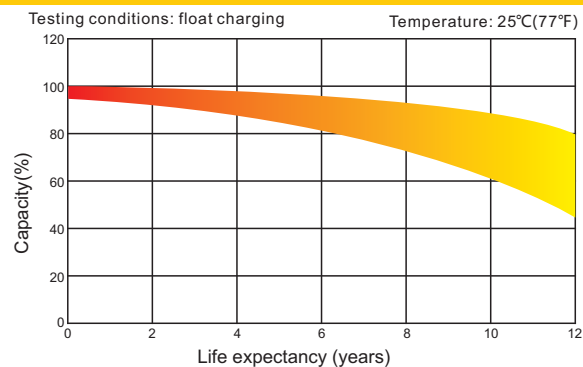
Storage Characteristics



Effect Of Temperature On Long Term Life



Life Characteristics Of Standby Use



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

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Version 20A-0