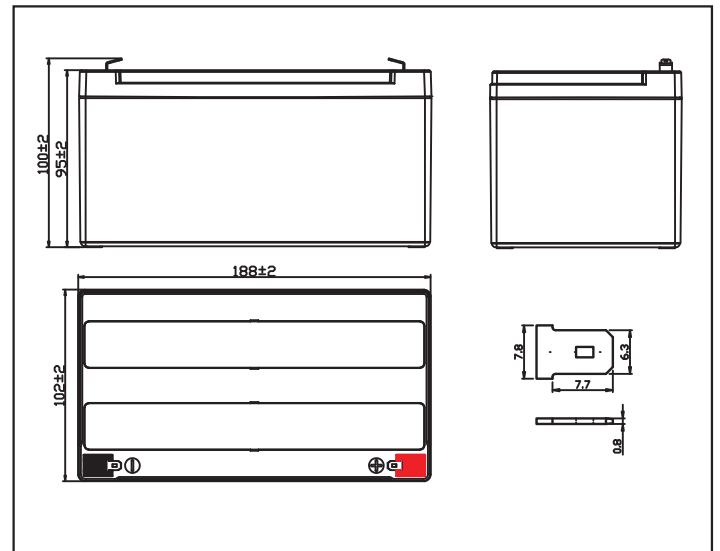


RC24-7.5 (24V, 7.5Ah)



Plane Chart:

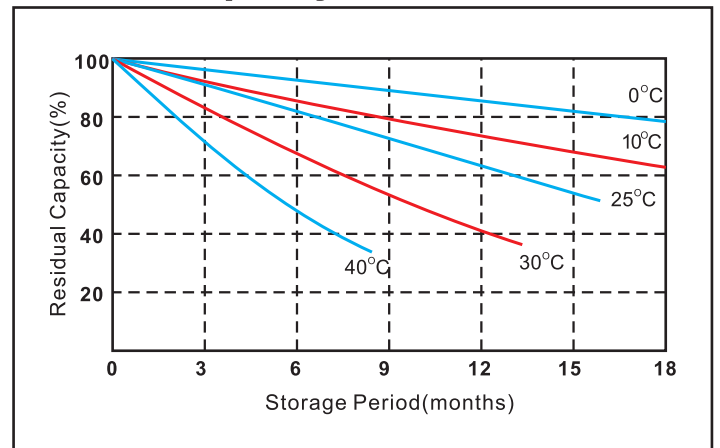
Unit:(mm) Terminal type:(F2)



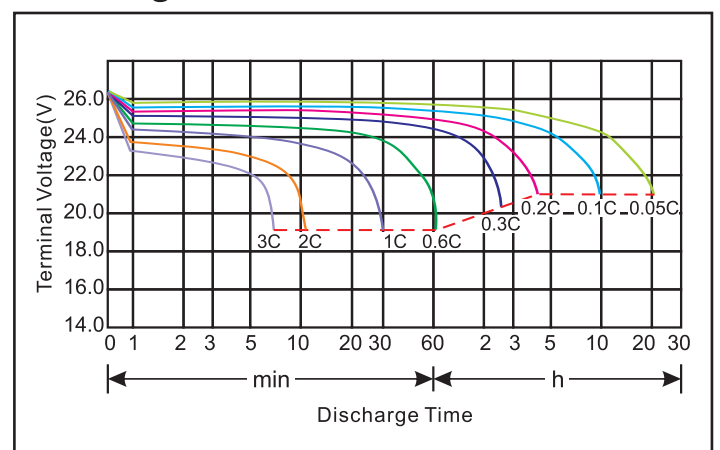
Parameter Chart:

Volts		24V
Capacity(25°C)	20 hours rate (0.35A)	7Ah
Discharge Current Testing (25°C)	20 I ₂₀ rate (7A,27min)	34min
	60 I ₂₀ rate (21A,7min)	8min
Internal Resistance	Full Charged Battery 25°C	50mΩ
Capacity Affected By Temperature	40°C	104%
	25°C	100%
	0°C	83%
	-15°C	65%
Residual Capacity (25°C)	Capacity After 3 Months Storage	91%
	Capacity After 6 Months Storage	82%
	Capacity After 12 Months Storage	65%
Charge (Constant Voltage)	Cycle (25°C)	Initial Charging Current Less Than 2.1A Voltage 29.0~29.8V
	Float (25°C)	Charge Voltage 27.2~27.6V
Weight±3%		4.38Kg

Residual Capacity



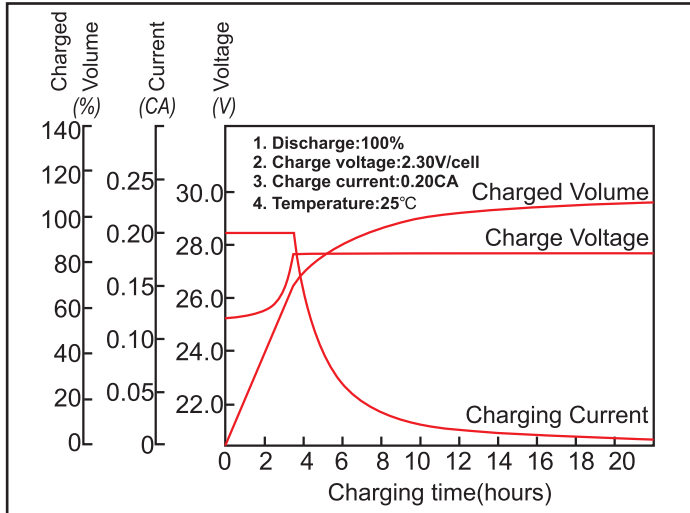
Discharge Current 25°C



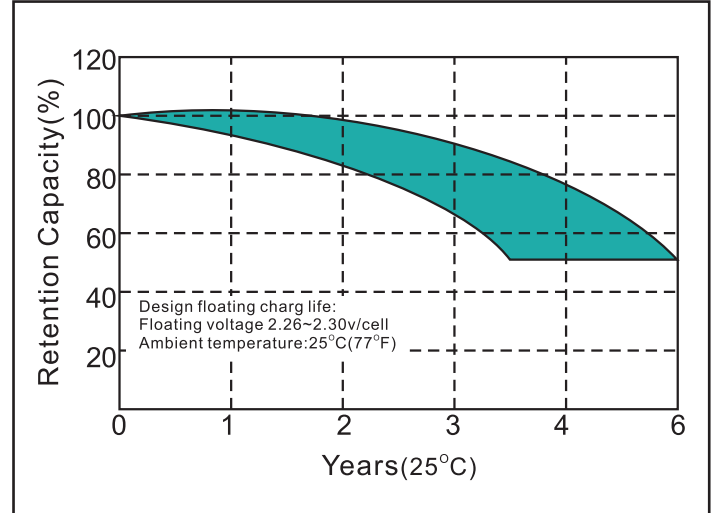
★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

RC24-7 (24V, 7Ah)

Constant voltage charging characteristics



Float Life



Constant Current Discharge Characteristics (A, 25°C)

F.V/Time	5min	10min	15min	20min	30min	1h	2h	3h	4h	5h	8h	10h	20h
19.20V	26.8	17.3	13.5	10.4	8.10	4.79	2.71	2.00	1.51	1.33	0.890	0.750	0.388
20.04V	25.5	16.8	13.0	9.9	7.90	4.69	2.65	1.97	1.48	1.31	0.883	0.742	0.385
20.40V	25.3	16.6	12.8	9.8	7.80	4.64	2.63	1.96	1.47	1.30	0.880	0.740	0.383
21.00V	24.6	15.9	12.3	9.4	7.60	4.59	2.58	1.94	1.45	1.28	0.870	0.730	0.350
21.60V	23.8	15.1	12.0	9.1	7.40	4.55	2.54	1.91	1.43	1.26	0.862	0.722	0.347

Constant Current Discharge Characteristics (Watt, 25°C)

F.V/Time	5min	10min	15min	20min	30min	1h	2h	3h	4h	5h	8h	10h	20h
19.20V	563.2	372.3	294.8	227.1	184.7	109.9	63.1	46.8	35.6	31.5	21.2	17.97	9.33
20.04V	547.0	361.9	284.7	216.8	180.4	107.7	61.7	46.1	34.9	31.0	21.0	17.78	9.26
20.40V	545.5	359.2	282.1	216.0	178.4	106.6	61.7	45.9	34.7	30.8	20.9	17.73	9.21
21.00V	533.8	346.6	271.8	207.7	174.8	105.6	60.3	45.4	34.2	30.3	20.7	17.49	9.14
21.60V	521.2	332.2	266.4	202.0	170.5	104.7	59.4	44.7	33.7	29.9	20.5	17.30	9.02

Capacity Factors With Different Temperature

Battery Type		-20°C	-10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
Battery	12V	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%

★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.