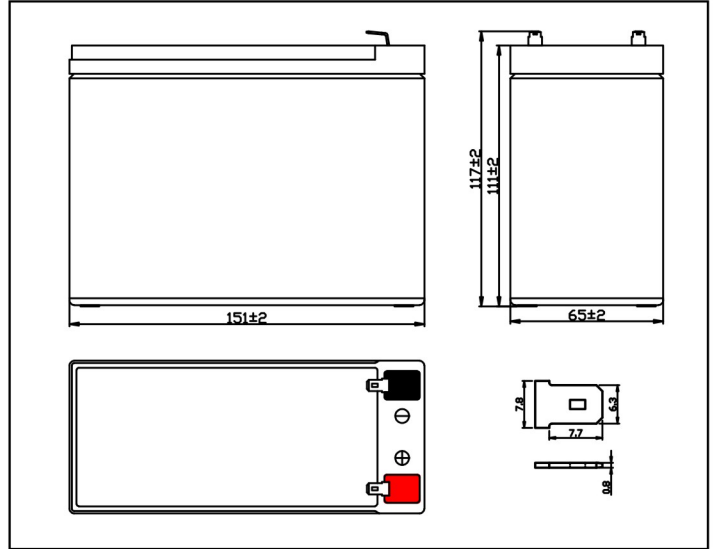


MODEL: CB12100-F2 12V10AH



Plane Chart:

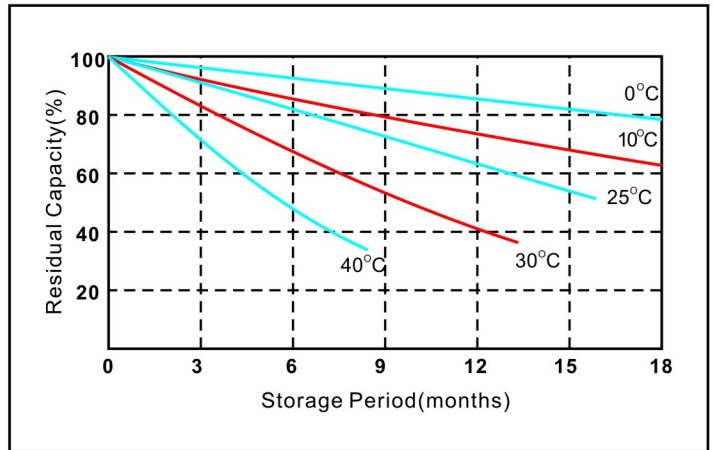
Unit:(mm) Terminal type:(F2)



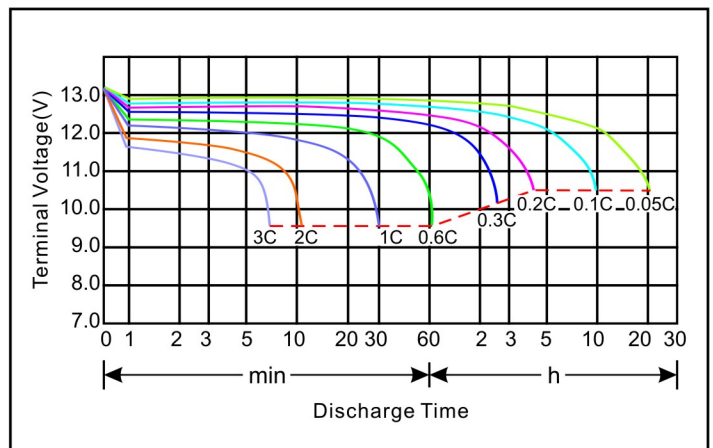
Parameter Chart:

Volts		12V	
Capacity(25°C)	20 hours rate (0.5A)	10Ah	
Discharge Current Testing (25°C)	20 I ₂₀ rate (10A,27min)	30min	
	60 I ₂₀ rate (30A,7min)	7min	
Internal Resistance	Full Charged Battery 25°C	20mΩ	
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 3.0A Voltage 14.5~14.9V	
	Float (25°C)	Charge Voltage 13.6~13.8V	
Weight±3%		2.94Kg	

Residual Capacity



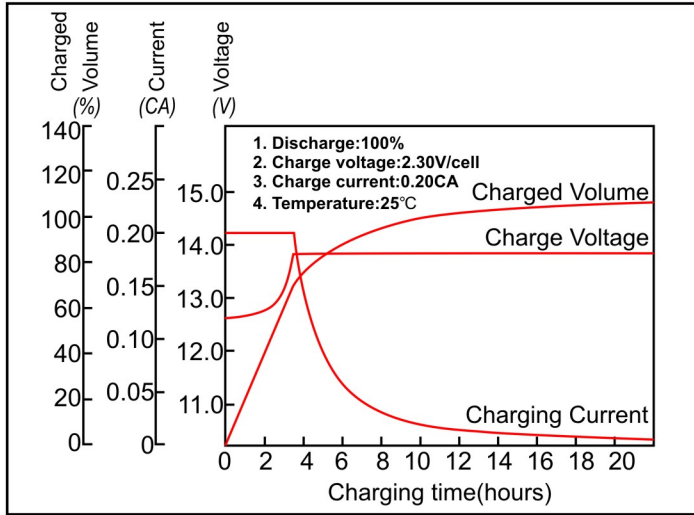
Discharge Current 25°C



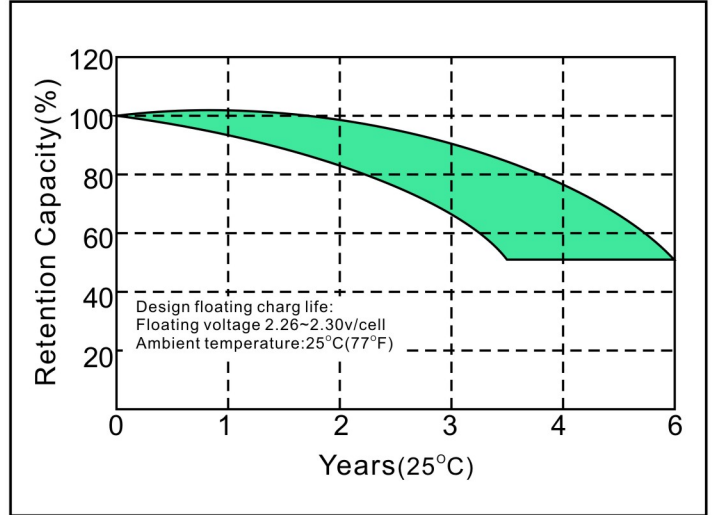
★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

MODEL: CB12100-F2 12V10AH

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
9.60V	35.6	24.6	18.8	14.5	10.00	6.00	3.45	2.62	2.12	1.82	1.19	0.945	0.521
10.02V	34.0	23.3	17.9	13.9	9.90	5.86	3.35	2.58	2.10	1.78	1.18	0.938	0.516
10.20V	33.2	22.7	17.6	13.7	9.83	5.80	3.30	2.56	2.08	1.77	1.17	0.935	0.511
10.50V	31.5	22.2	17.2	13.4	9.71	5.67	3.22	2.51	2.06	1.75	1.16	0.928	0.500
10.80V	29.5	21.5	16.8	13.0	9.52	5.55	3.15	2.47	2.02	1.73	1.15	0.920	0.493

Constant Current Discharge Characteristics (Watt, 25°C)

F.V/Time	5min	10min	15min	20min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	380.9	266.2	206.8	159.5	112.0	67.7	39.4	30.8	25.0	21.5	14.2	11.3	6.25
10.02V	365.5	252.1	197.8	153.6	110.9	66.2	38.4	30.3	24.8	21.1	14.0	11.2	6.19
10.20V	358.6	246.3	195.4	152.1	110.1	65.7	37.9	30.1	24.5	21.0	13.9	11.2	6.13
10.50V	343.4	242.4	191.8	149.4	108.8	64.6	37.1	29.5	24.3	20.7	13.8	11.1	6.00
10.80V	324.5	237.6	188.2	145.6	106.6	63.8	36.5	29.0	23.8	20.5	13.7	11.0	5.92

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.