

INDUSTRIAL BATTERY - VRLA-AGM BATTERY - MEDIUM AND LARGE SERIES

MODEL: CB121100-IT 12V110AH

Container Color

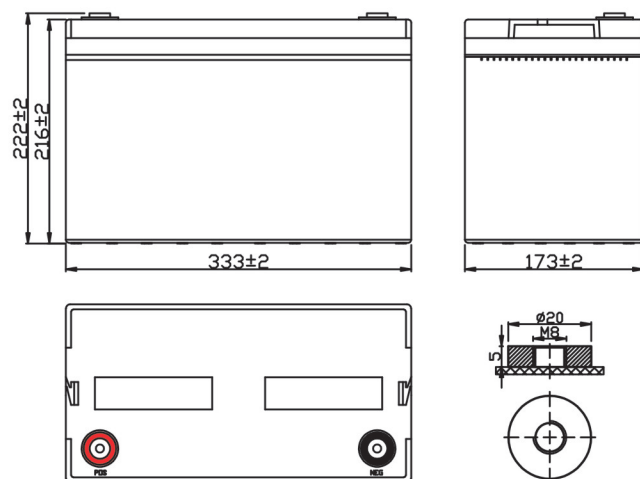
■ Black C

■ Grey 3 C



Plane Chart:

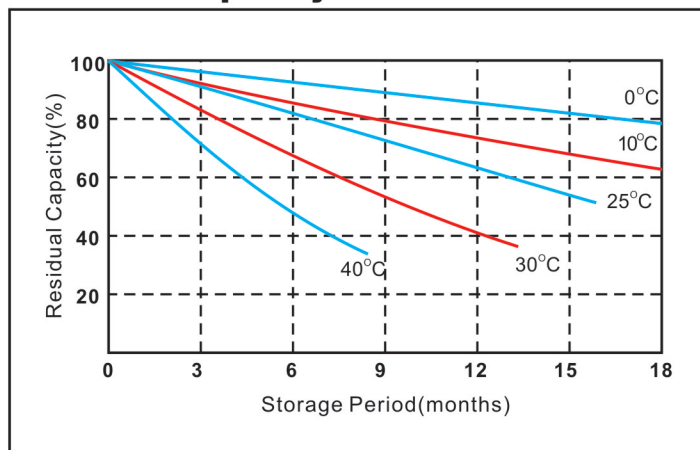
Unit:(mm) Terminal type:(T3)



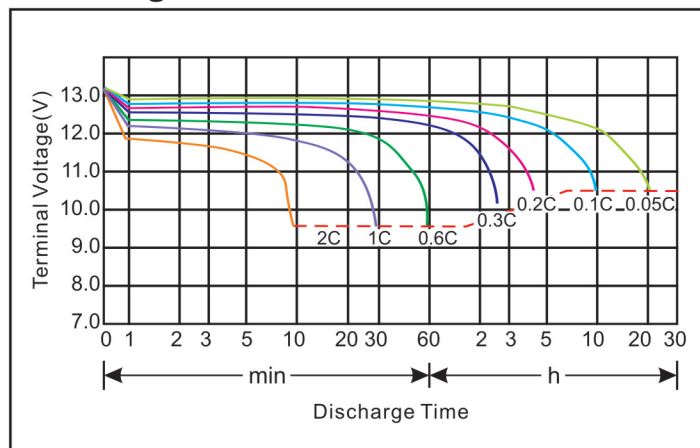
Parameter Chart:

Volts		12V
Capacity(25°C)	20 hours rate (5A)	100Ah
Discharge Current Testing (25°C)	1 hours rate (55A)	57Ah
	3 hours rate (25A)	75Ah
Internal Resistance	Full Charged Battery 25°C	5mΩ
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 30A Voltage 14.5~14.9V
	Float (25°C)	Charge Voltage 13.6~13.8V
Weight±3%		28.1Kg

Residual Capacity



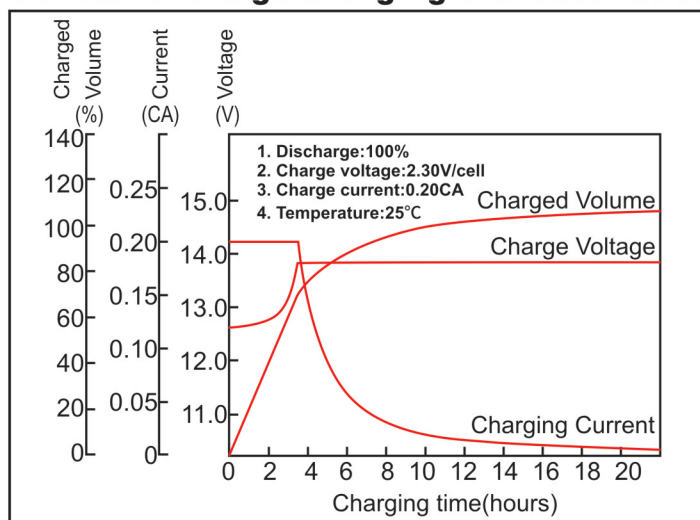
Discharge Current 25°C



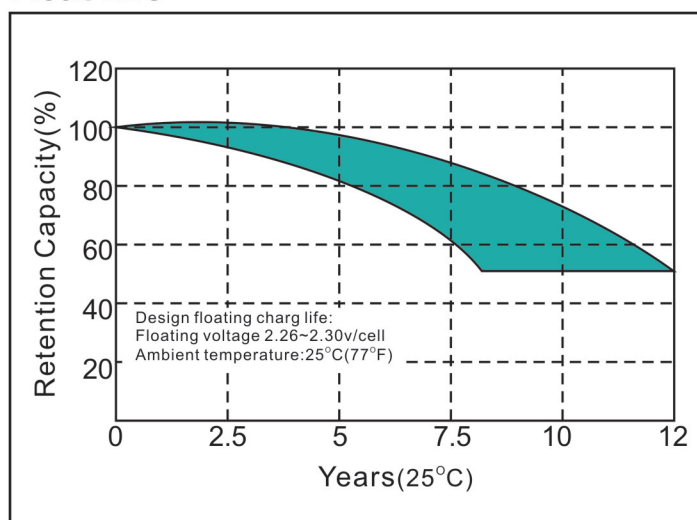
★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

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Constant voltage charging characteristics



Float Life



Constant Current Discharge Characteristics (A, 25°C)

F.V/Time	10min	15min	20min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	193.8	160.2	135.8	97.6	57.3	35.2	25.6	20.2	16.9	11.3	10.0	5.16
10.02V	185.7	155.0	130.0	94.5	56.1	34.4	25.2	19.9	16.7	11.2	9.9	5.10
10.20V	180.8	153.1	127.5	93.4	55.5	34.2	25.1	19.7	16.6	11.1	9.8	5.07
10.50V	171.1	146.5	123.5	91.7	54.3	33.6	24.7	19.4	16.4	11.0	9.7	5.02
10.80V	157.4	141.0	118.7	89.0	53.0	33.0	24.1	19.1	16.2	10.9	9.6	4.97

Constant Current Discharge Characteristics (Watt, 25°C)

F.V/Time	10min	15min	20min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	2052.3	1730.2	1491.1	1094.1	650.4	404.8	299.5	237.4	199.4	133.6	118.4	61.4
10.02V	1959.1	1678.1	1430.0	1058.4	639.5	395.6	204.8	222.8	197.1	132.4	117.2	60.7
10.20V	1927.9	1661.1	1408.9	1048.4	635.5	393.6	203.7	231.5	195.9	131.2	116.0	60.3
10.50V	1836.9	1604.2	1370.9	1032.8	624.5	386.4	289.0	228.0	193.5	130.0	114.8	59.7
10.80V	1726.1	1558.1	1329.4	1005.5	609.5	379.5	282.0	224.4	191.2	128.8	113.7	59.1

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.