

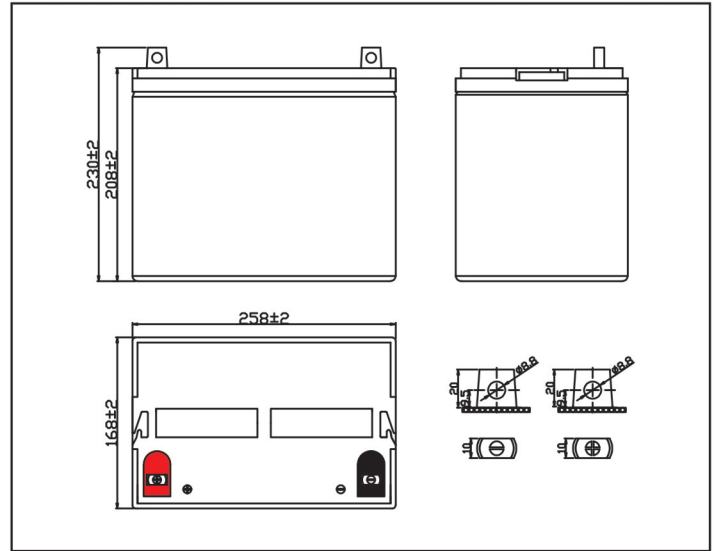
INDUSTRIAL BATTERY - VRLA-AGM BATTERY - MEDIUM AND LARGE SERIES

MODEL: CB12750-NB 12V75AH



Plane Chart:

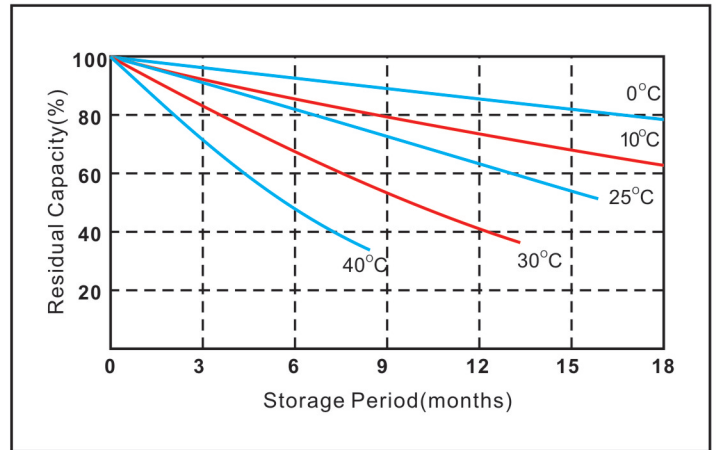
Unit:(mm) Terminal type:(B12)



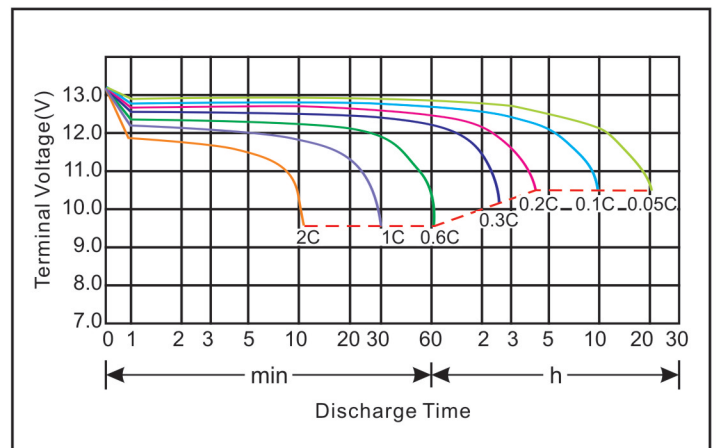
Parameter Chart:

Volts		12V	
Capacity(25°C)	20 hours rate (3.5A)	70Ah	
Discharge Current Testing (25°C)	1 hours rate (38.5A)	38.5Ah	
	3 hours rate (17.5A)	52.5Ah	
Internal Resistance	Full Charged Battery 25°C	7mΩ	
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 22.5A Voltage 14.5~14.9V	
	Float (25°C)	Charge Voltage 13.6~13.8V	
Weight±3%		21.5Kg	

Residual Capacity



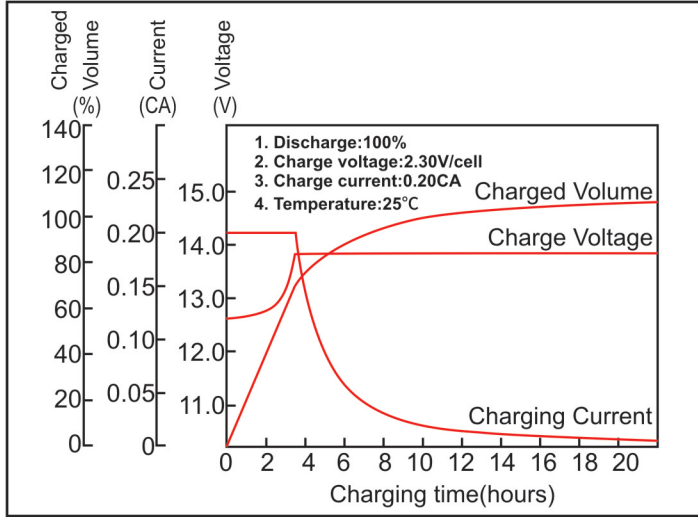
Discharge Current 25°C



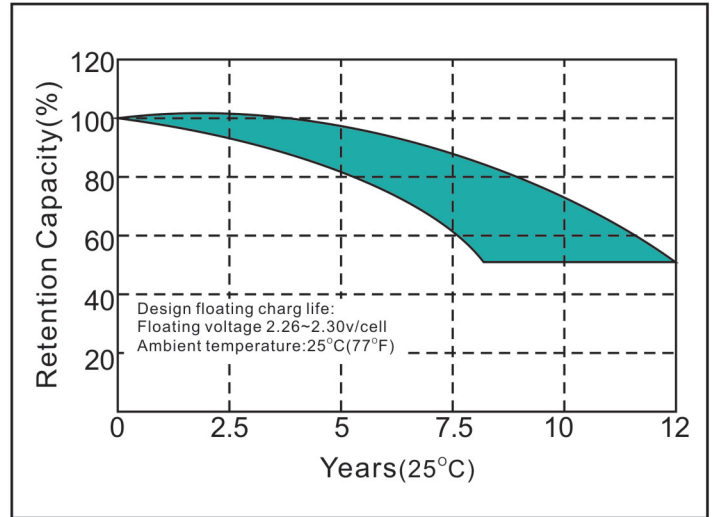
★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

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Constant voltage charging characteristics



Float Life



Constant Current Discharge Characteristics (A, 25°C)

F.V/Time	5min	10min	15min	20min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	189.4	128.5	113.2	87.5	70.0	38.9	24.4	18.3	14.6	12.2	8.16	6.79	3.62
10.02V	175.4	118.6	105.2	82.8	67.3	37.7	24.1	18.0	14.3	12.1	8.08	6.75	3.57
10.20V	170.4	117.2	103.8	81.2	66.3	37.3	23.9	17.8	14.2	12.1	8.04	6.72	3.55
10.50V	152.3	108.2	96.7	77.4	64.3	36.4	23.5	17.4	14.0	12.0	7.97	6.66	3.50
10.80V	138.4	98.4	89.0	73.6	61.7	35.1	23.0	17.1	13.8	11.7	7.91	6.60	3.45

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	1989.2	1362.7	1211.3	944.7	781.2	441.4	280.7	214.8	172.1	145.1	97.0	80.9	43.2
10.02V	1850.9	1263.3	1136.6	896.8	750.8	428.1	278.2	211.5	168.6	143.9	96.0	80.3	42.6
10.20V	1808.2	1265.3	1126.0	880.5	739.8	423.7	276.4	209.2	167.5	142.8	95.6	79.9	42.4
10.50V	1645.0	1190.4	1053.8	843.2	720.7	412.7	271.7	204.5	165.2	141.6	94.6	79.2	41.8
10.80V	1522.4	1087.3	987.9	816.6	696.7	398.4	266.4	200.9	162.9	138.2	94.0	78.5	41.2

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.