

MODEL: MC2.8-6

Container Color

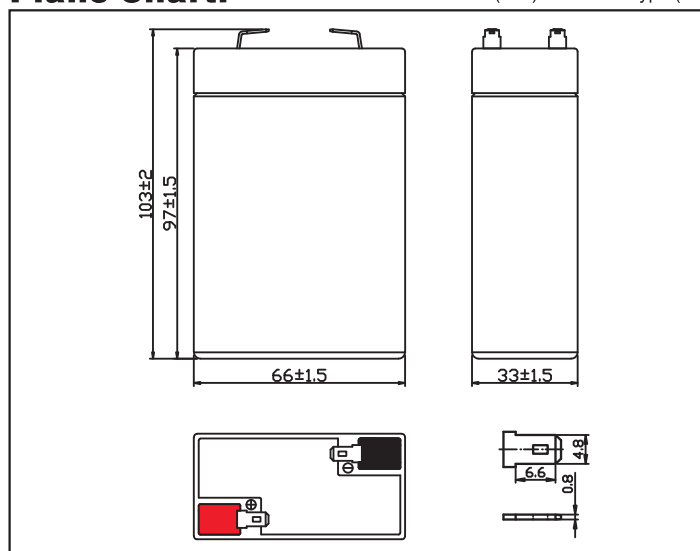
■ Black C

■ Grey 3 C



Plane Chart:

Unit:(mm) Terminal type:(F1)



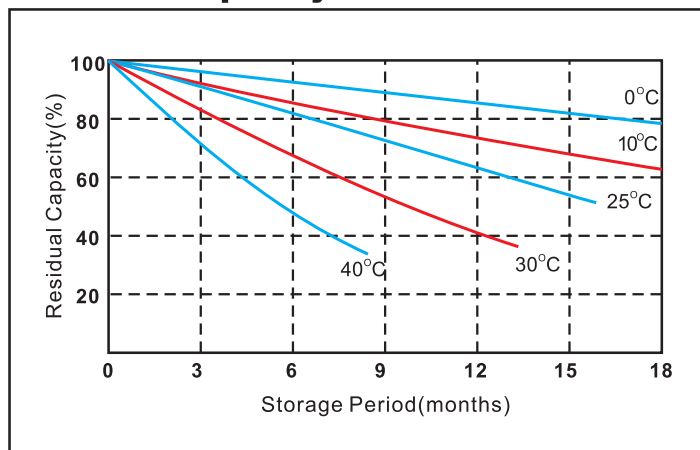
ISO 9001
ISO 14001
OHSAS18001



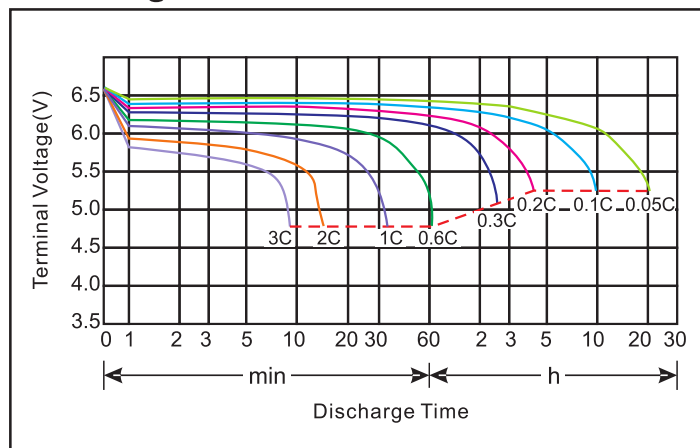
Parameter Chart:

Volts		6V
Capacity(25°C)	20 hours rate (0.14A)	2.8Ah
Discharge Current Testing (25°C)	20 I ₂₀ rate (2.8A,27min)	31min
	60 I ₂₀ rate (8.4A,7min)	7min
Internal Resistance	Full Charged Battery 25°C	30mΩ
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 0.84A Voltage 7.25~7.45V
	Float (25°C)	Charge Voltage 6.8~6.9V
Weight (Approx)		0.56Kg

Residual Capacity



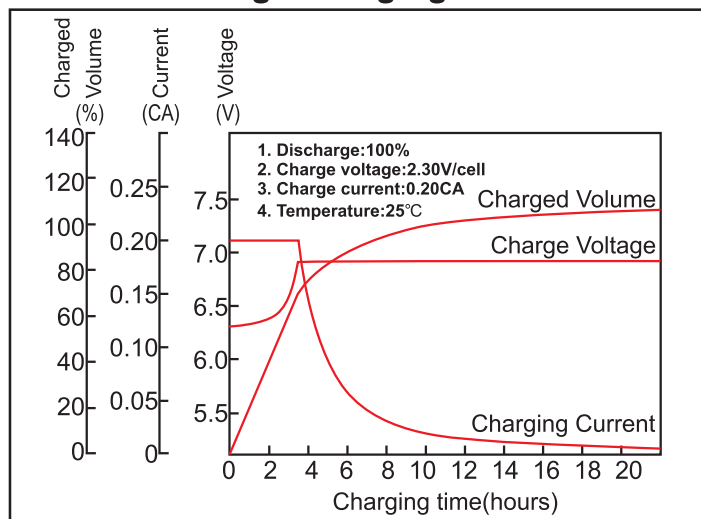
Discharge Current 25°C



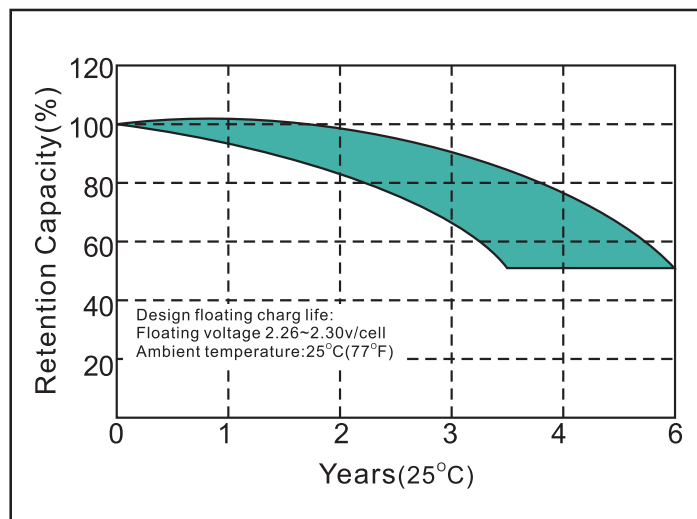
★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

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Constant voltage charging characteristics



Float Life



Constant Current Discharge Characteristics (A, 25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
4.80V	11.42	7.29	5.72	3.26	1.88	1.06	0.74	0.474	0.333	0.271	0.144
5.10V	10.72	6.91	5.41	3.13	1.82	1.02	0.73	0.482	0.327	0.267	0.142
5.25V	10.21	6.70	5.23	3.06	1.79	1.01	0.72	0.487	0.323	0.263	0.140
5.40V	9.75	6.48	5.07	2.96	1.74	0.99	0.71	0.501	0.319	0.261	0.137

Constant Current Discharge Characteristics (Watt, 25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
4.80V	61.68	39.70	31.46	18.26	10.72	6.10	4.29	2.77	1.96	1.60	0.86
5.10V	58.96	38.38	30.30	17.68	10.37	5.87	4.23	2.82	1.93	1.58	0.84
5.25V	56.67	37.51	29.55	17.44	10.29	5.91	4.21	2.87	1.92	1.56	0.83
5.40V	54.60	36.63	28.90	17.02	10.01	5.79	4.15	2.96	1.90	1.55	0.82

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	6V	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%

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