

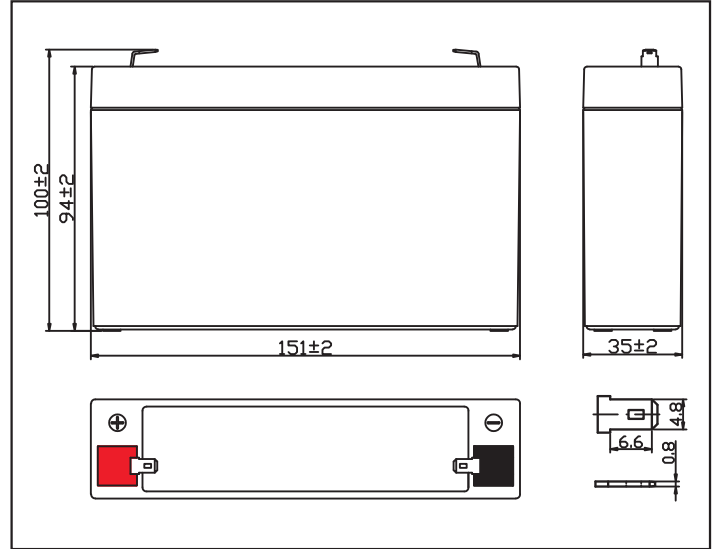
MODEL: MC7-6



Container Color  
 ■ Black C  
 ■ Grey 3 C

Plane Chart:

Unit:(mm) Terminal type:(F1)



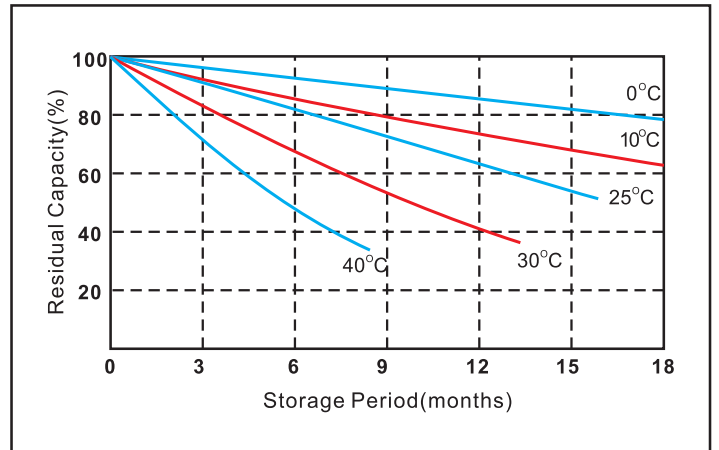
ISO 9001  
 ISO 14001  
 OHSAS18001



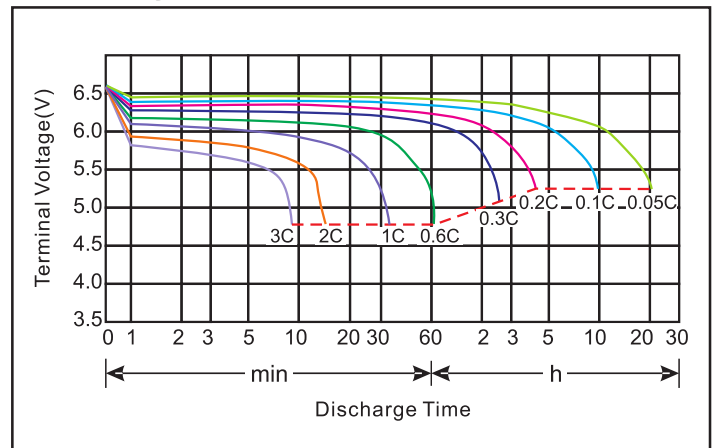
Parameter Chart:

Volts		6V	
Capacity(25°C)	20 hours rate (0.35A)	7Ah	
Discharge Current Testing (25°C)	20 I <sub>20</sub> rate (7A,27min)	34min	
	60 I <sub>20</sub> rate (21A,7min)	8min	
Internal Resistance	Full Charged Battery 25°C	15mΩ	
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 7.25~7.45V	
	Float (25°C)	Charge Voltage 6.8~6.9V	
Weight (Approx)		1.08Kg	

Residual Capacity



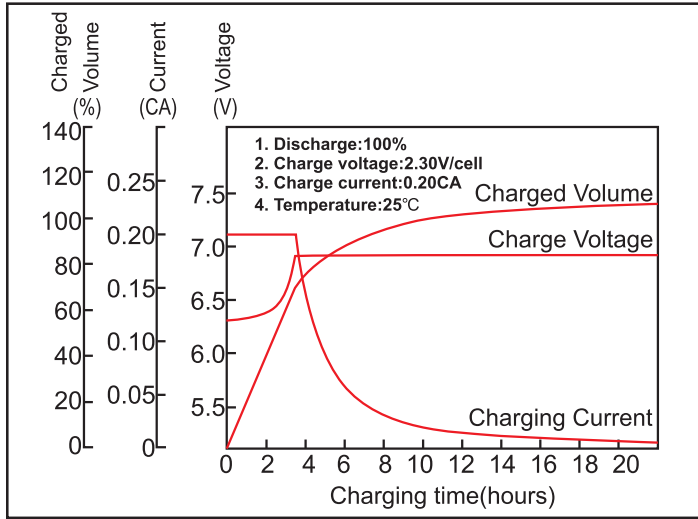
Discharge Current 25°C



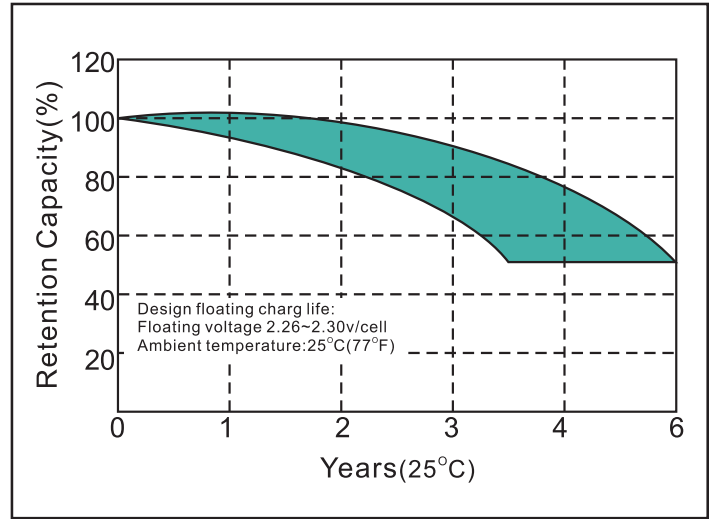
★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

**MODEL: MC7-6**

**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	25.2	16.7	12.6	7.35	4.36	2.42	1.73	1.18	0.77	0.69	0.36
5.10V	22.1	15.4	11.8	7.12	4.21	2.35	1.71	1.16	0.76	0.68	0.35
5.25V	20.6	14.7	11.3	6.95	4.12	2.33	1.69	1.14	0.75	0.67	0.35
5.40V	19.3	11.3	10.6	6.68	4.02	2.30	1.67	1.12	0.74	0.66	0.34

**Constant Current Discharge Characteristics (Watt, 25°C)**

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
4.80V	136.1	91.0	69.3	41.2	24.9	13.9	10.03	6.90	4.52	4.06	2.14
5.10V	121.6	85.5	66.1	40.2	24.0	13.5	9.92	6.79	4.46	4.01	2.08
5.25V	114.3	82.3	63.8	39.6	23.7	13.6	9.89	6.73	4.44	3.98	2.08
5.40V	108.1	63.8	60.4	38.4	23.1	13.4	9.77	6.61	4.39	3.92	2.02

**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	6V	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.