

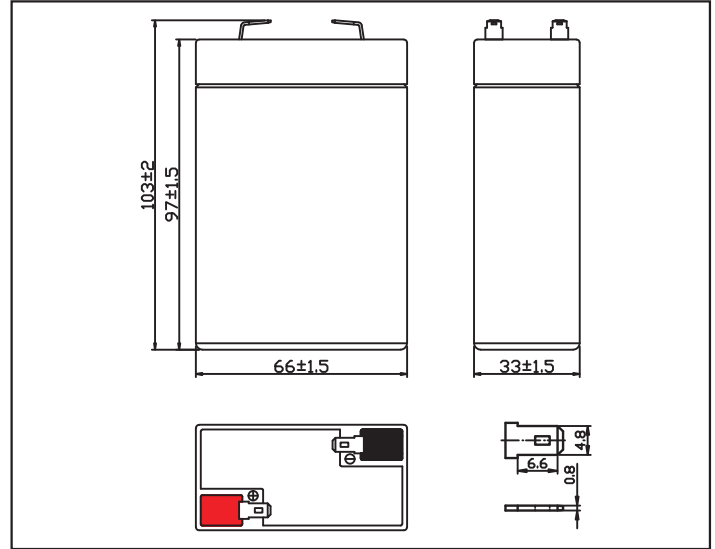
MODEL: OT2.8-6

NO.: 302010005-00209



Plane Chart:

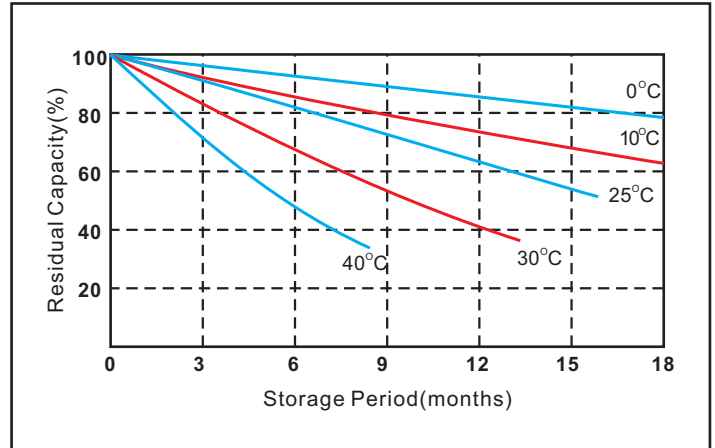
Unit:(mm) Terminal type:(F1)



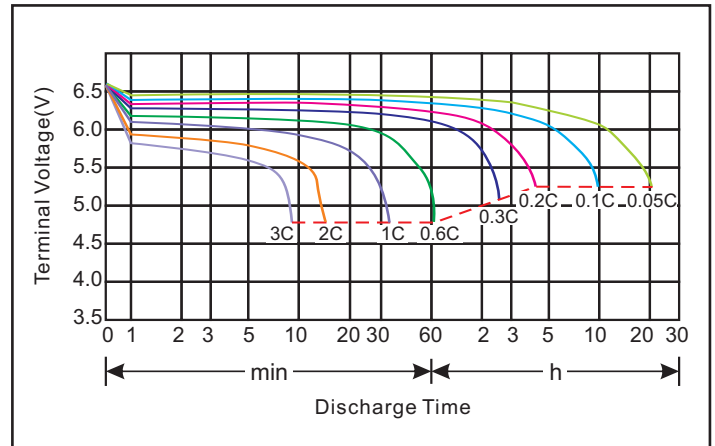
Parameter Chart:

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	

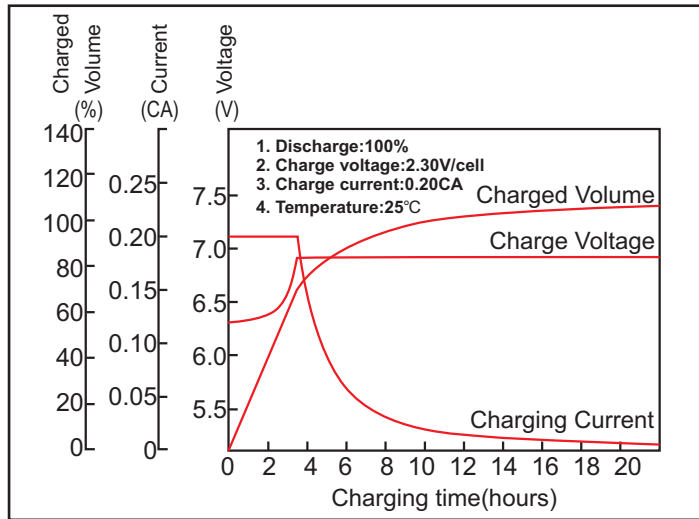
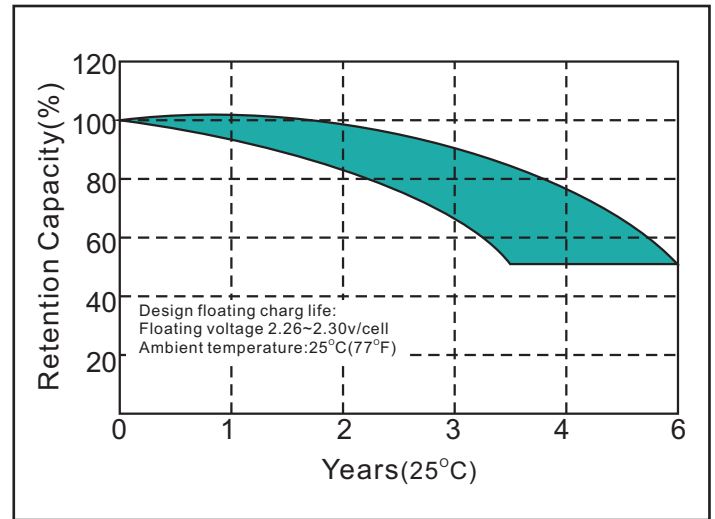
Residual Capacity



Discharge Current 25°C



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

MODEL: OT2.8-6
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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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