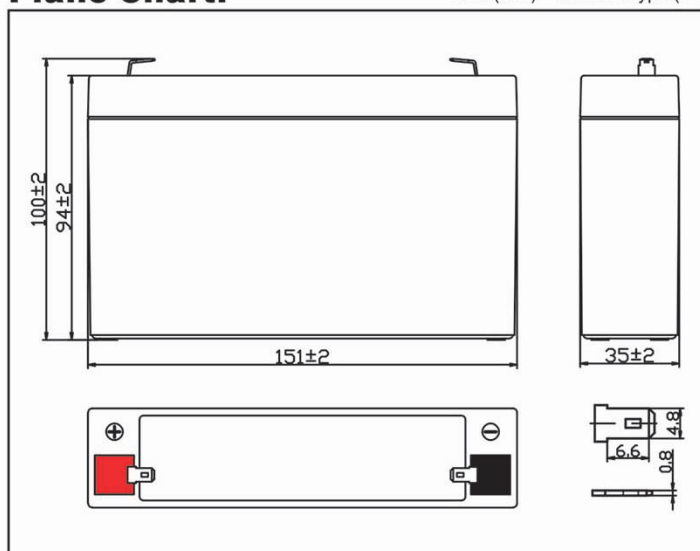


**MODEL: OT7-6****NO.: 302010005-00023****Plane Chart:**

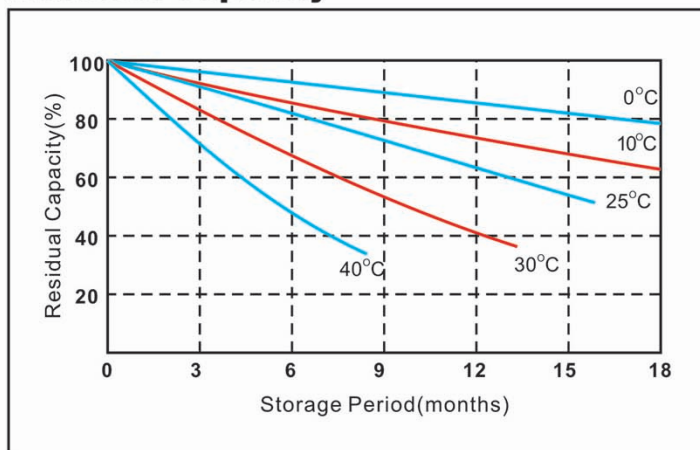
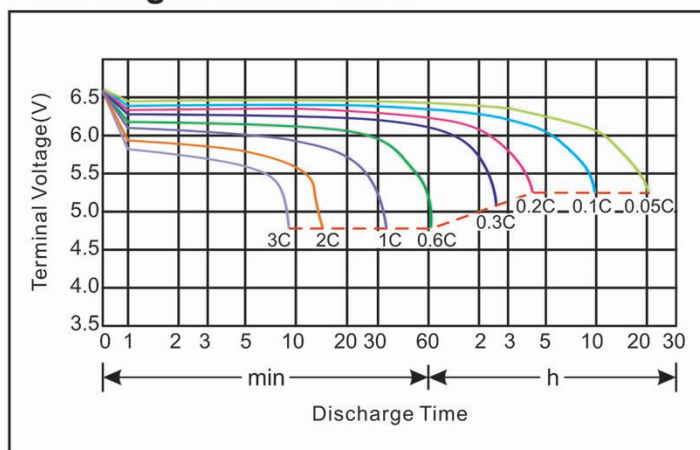
Unit:(mm) Terminal type:(F1)



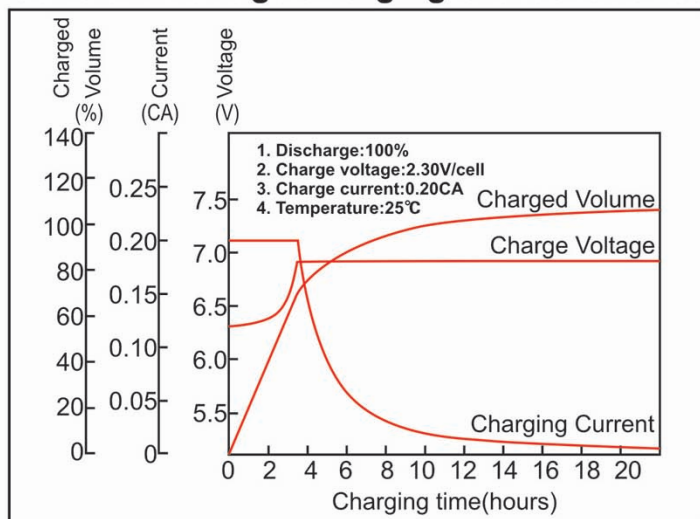
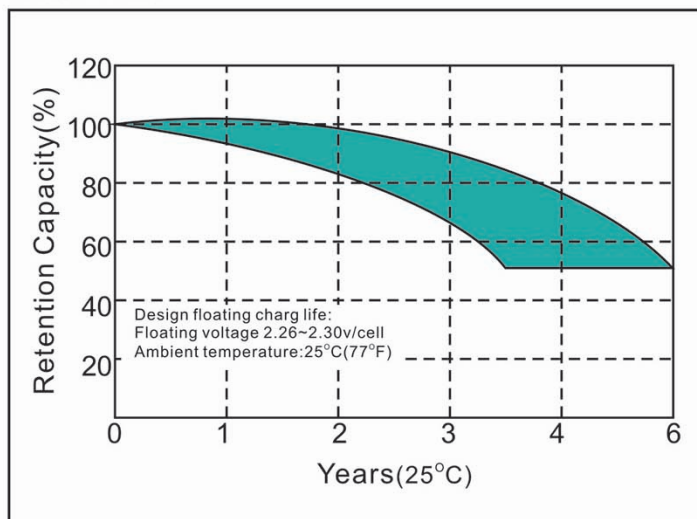
ISO 9001
ISO 14001
OHSAS18001

**Parameter Chart:**

Volts		6V
Capacity(25°C)	20 hours rate (0.35A)	7Ah
Discharge Current Testing (25°C)	20 I ₂₀ rate (7A,27min)	40min
	60 I ₂₀ rate (21A,7min)	10min
Internal Resistance	Full Charged Battery 25°C	7.5mΩ
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 2.1A Voltage 7.25~7.45V
	Float (25°C)	Charge Voltage 6.8~6.9V
Weight (Approx)		1.20Kg

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: OT7-6
NO.: 302010005-00023
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	29.16	19.44	15.12	8.64	5.08	2.69	1.87	1.24	0.85	0.77	0.40
5.10V	27.76	18.47	14.47	8.27	4.91	2.61	1.84	1.22	0.84	0.76	0.39
5.25V	26.95	17.93	14.09	8.06	4.81	2.59	1.81	1.20	0.83	0.75	0.38
5.40V	26.14	17.39	13.72	7.84	4.70	2.56	1.78	1.19	0.82	0.73	0.38

Constant Current Discharge Characteristics (Watt, 25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
4.80V	162.54	109.62	86.40	49.52	29.38	15.69	11.12	7.45	5.06	4.60	2.39
5.10V	154.98	103.14	82.62	47.41	28.46	15.48	10.91	7.34	5.02	4.54	2.34
5.25V	150.39	100.17	80.46	46.17	27.84	15.31	10.75	7.24	5.00	4.47	2.31
5.40V	145.80	97.20	78.30	44.93	27.22	15.14	10.58	7.13	4.98	4.41	2.27

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.