

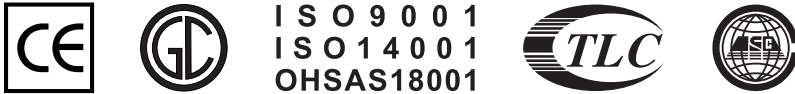
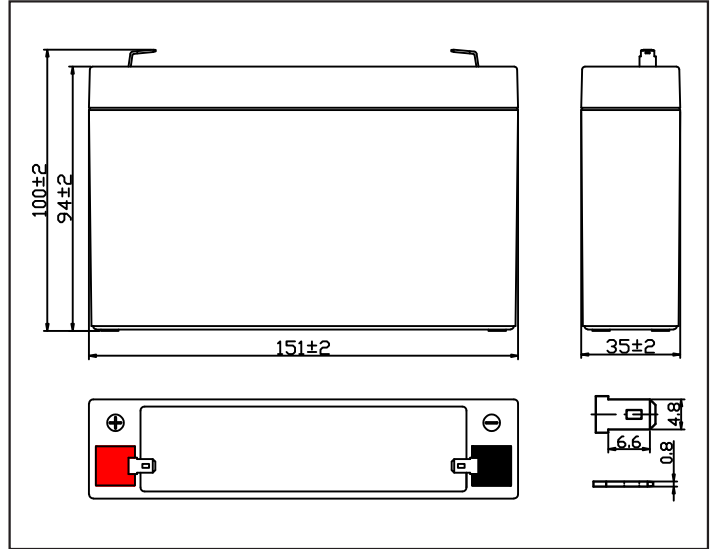
MODEL: D6-7 (6V 7AH @C20)



Container Color
 ■ Black C
 ■ Grey 3 C

Plane Chart:

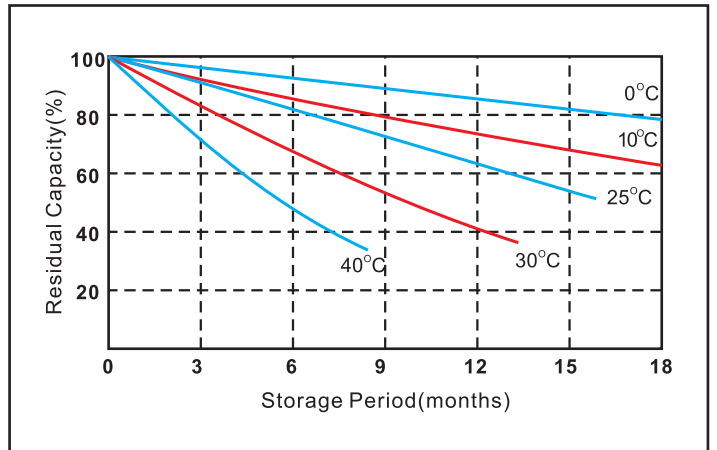
Unit:(mm) Terminal type:(F1)



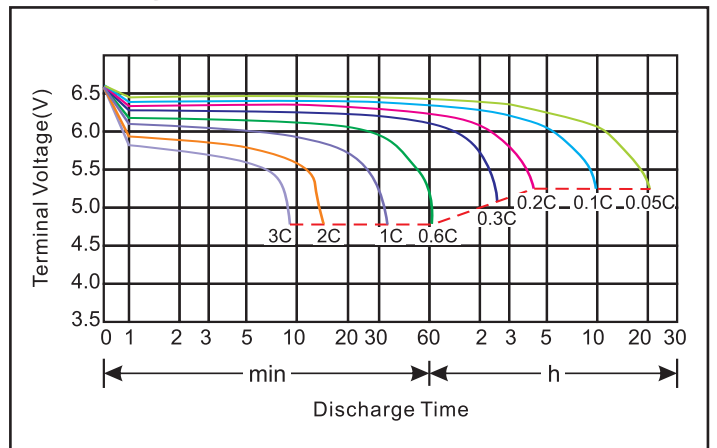
Parameter Chart:

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)		1.08Kg	

Residual Capacity



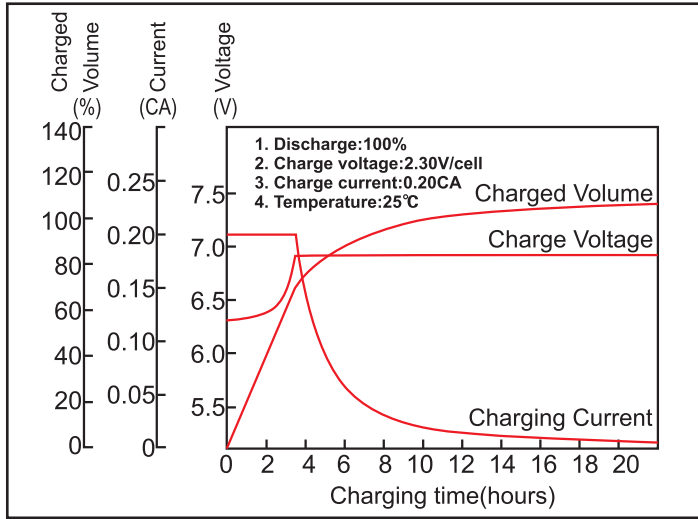
Discharge Current 25°C



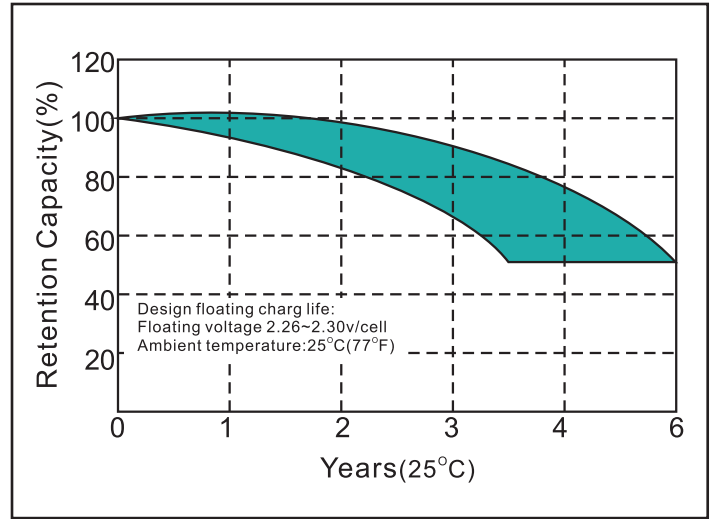
★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

MODEL: D6-7 (6V 7AH @C20)

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%

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