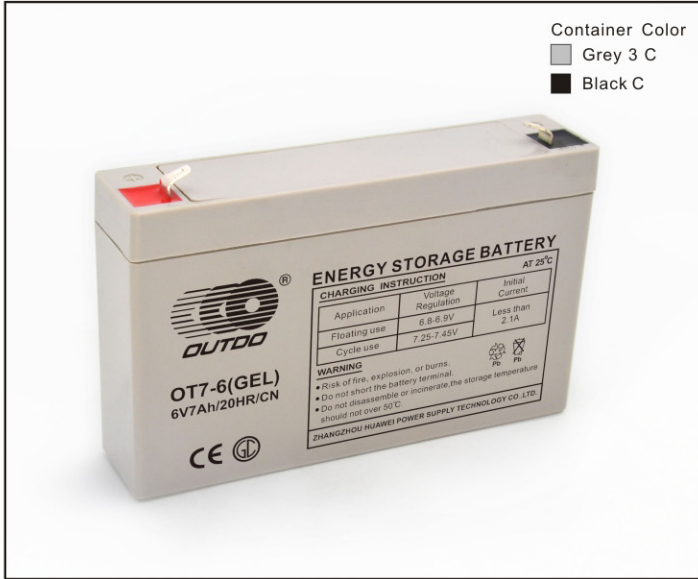




ENERGY STORAGE BATTERY - GEL ENERGY STORAGE SERIES

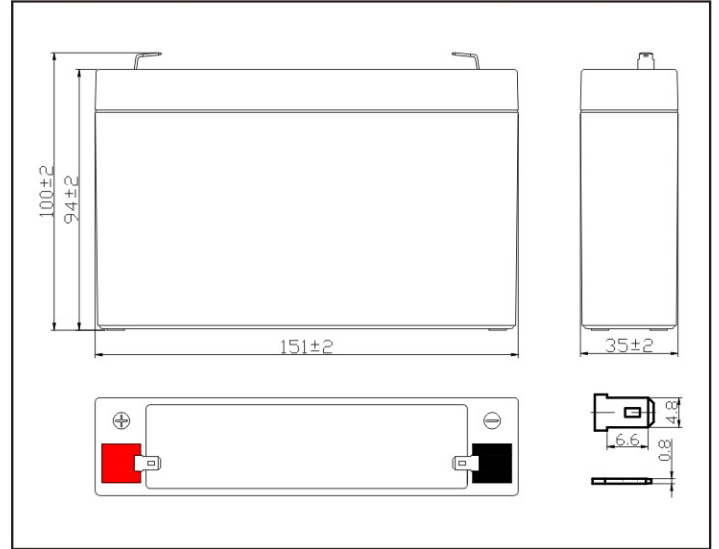
MODEL: OT7-6(GEL)/CN

NO.:302080027-00003



Plane Chart:

Unit:(mm) Terminal type:(F1)



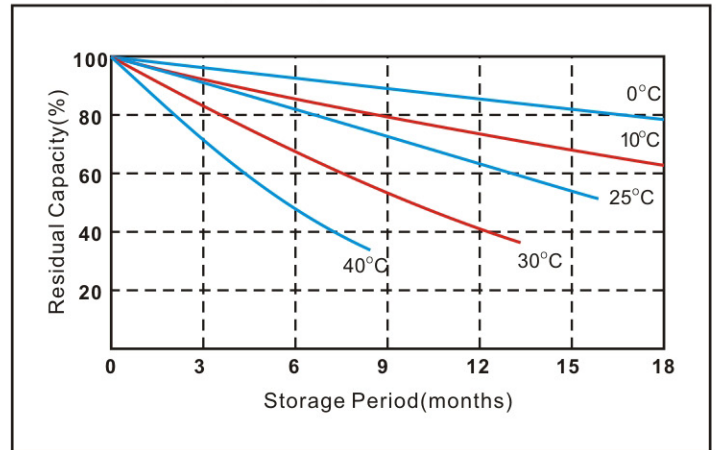
ISO 9001
 ISO 14001
 OHSAS18001



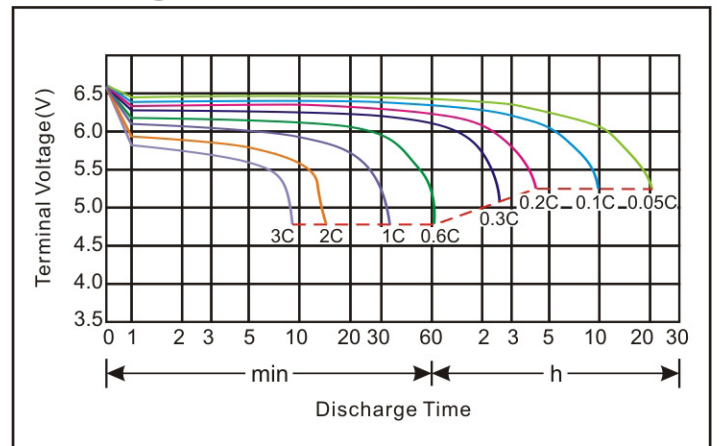
Parameter Chart:

Volts		6V	
Capacity(25°C)	20 hours rate (0.35A)	7Ah	
Discharge Current Testing (25°C)	1 hours rate (3.8A)	4.2Ah	
	3 hours rate (1.8A)	5.6Ah	
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

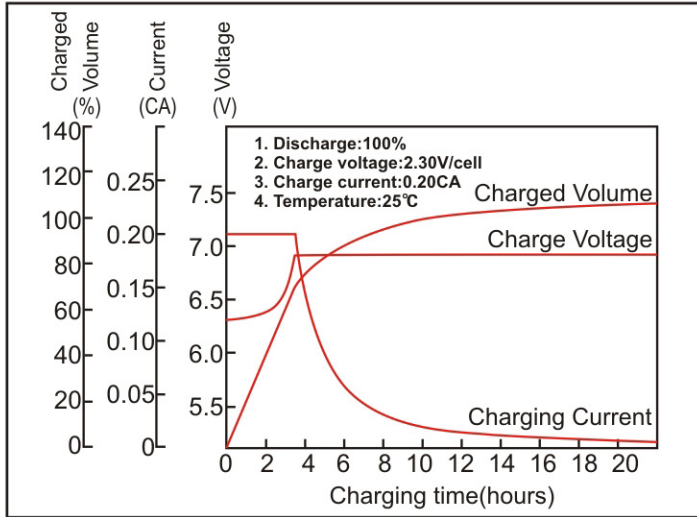


Discharge Current 25°C

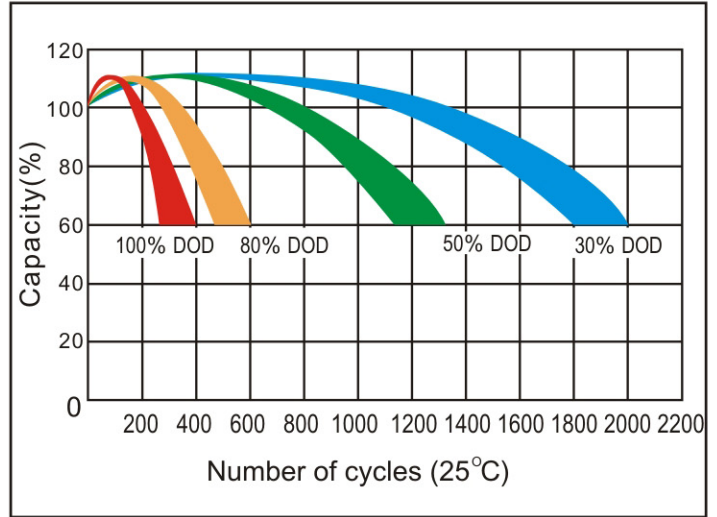


★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

Constant voltage charging characteristics



Cycle service life in relation to the depth of discharge



Constant Current Discharge Characteristics (A, 25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
4.80V	26.73	17.82	13.86	7.92	4.65	1.76	1.71	1.14	0.55	0.70	0.37
5.10V	25.44	16.93	13.27	7.58	4.50	1.73	1.68	1.12	0.55	0.69	0.36
5.25V	24.70	16.43	12.92	7.39	4.41	1.71	1.66	1.10	0.55	0.68	0.35
5.40V	23.96	15.94	12.57	7.19	4.31	1.70	1.63	1.09	0.54	0.67	0.35

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
4.80V	149.00	100.49	79.20	45.39	26.93	10.27	10.20	6.83	3.31	4.22	2.19
5.10V	142.07	94.55	75.74	43.46	26.09	10.13	10.00	6.73	3.29	4.16	2.14
5.25V	137.86	91.82	73.76	42.32	25.52	10.02	9.85	6.63	3.27	4.10	2.11
5.40V	133.65	89.10	71.78	41.18	24.95	9.91	9.70	6.53	3.26	4.04	2.08

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
GEL 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.