



INDUSTRIAL BATTERY - VRLA-AGM BATTERY - SMALL SERIES

MODEL: OT4-6

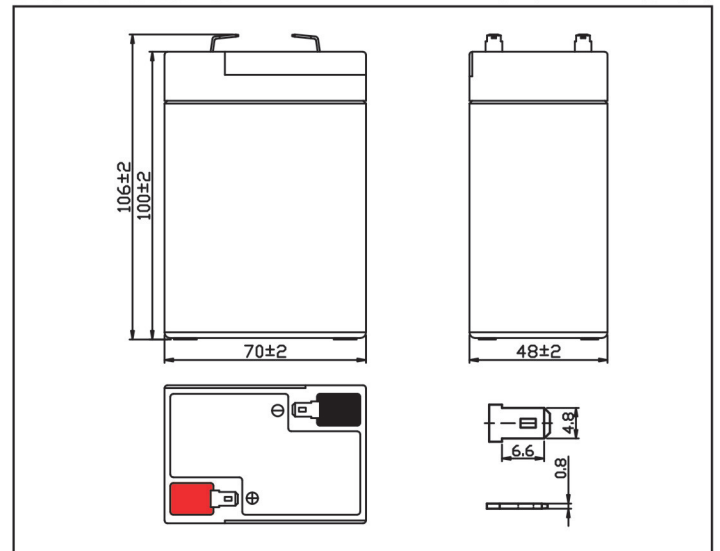
NO.: 302010005-00009



Container Color
 ■ Black C
 ■ Grey 3 C

Plane Chart:

Unit:(mm) Terminal type:(F1)



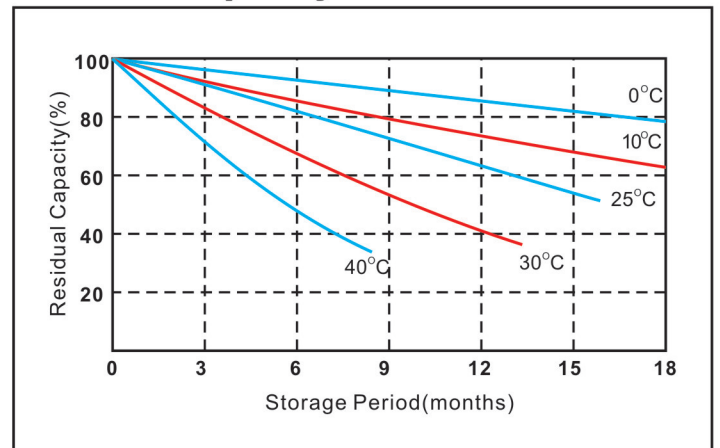
ISO 9001
 ISO 14001
 OHSAS18001



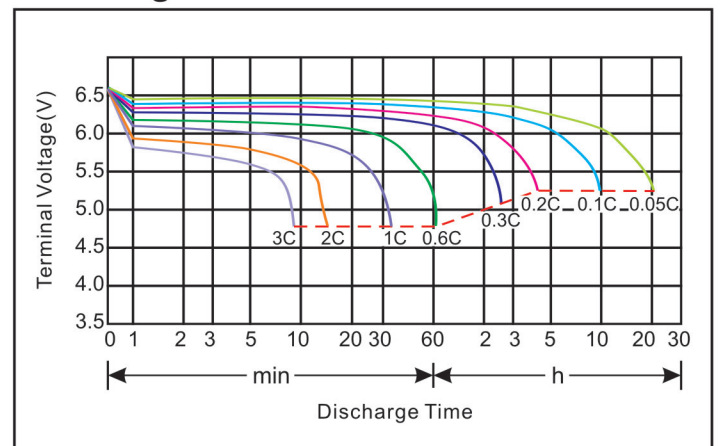
Parameter Chart:

Volts		6V
Capacity(25°C)	20 hours rate (0.2A)	4Ah
Discharge Current Testing (25°C)	20 I ₂₀ rate (4A,27min)	27min
	60 I ₂₀ rate (12A,7min)	7min
Internal Resistance	Full Charged Battery 25°C	38mΩ
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 1.2A Voltage 7.25~7.45V
	Float (25°C)	Charge Voltage 6.8~6.9V
Weight (Approx)		0.64Kg

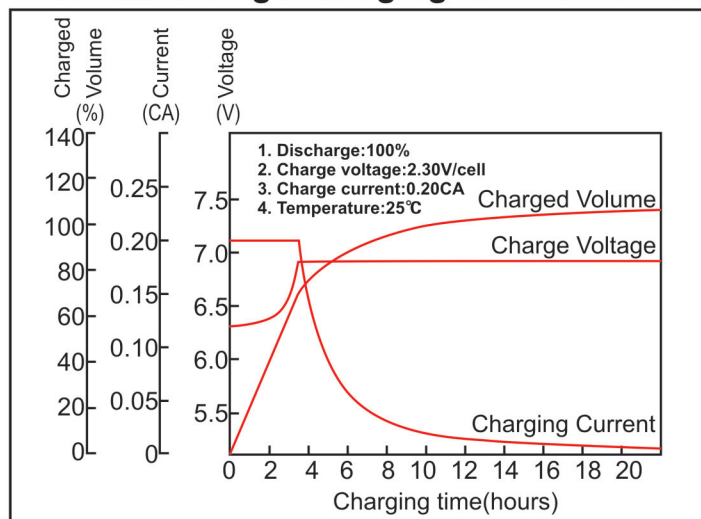
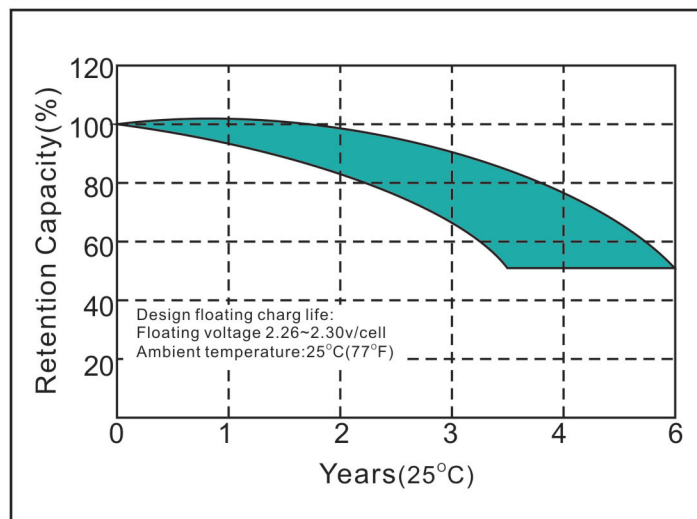
Residual Capacity



Discharge Current 25°C



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

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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	13.60	8.67	6.98	4.18	2.35	1.30	0.93	0.64	0.45	0.38	0.21
5.10V	12.94	8.23	6.70	4.06	2.26	1.29	0.92	0.63	0.44	0.37	0.20
5.25V	12.53	7.97	6.53	3.95	2.20	1.27	0.91	0.62	0.44	0.36	0.20
5.40V	12.13	7.72	6.37	3.85	2.15	1.26	0.90	0.62	0.43	0.35	0.19

Constant Current Discharge Characteristics (Watt, 25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
4.80V	75.71	48.88	39.69	24.22	13.63	7.63	5.55	3.82	2.69	2.27	1.23
5.10V	72.03	46.31	38.22	23.26	13.08	7.52	5.48	3.79	2.67	2.22	1.21
5.25V	69.83	44.84	37.26	22.67	12.75	7.44	5.40	3.73	2.66	2.17	1.18
5.40V	67.62	43.37	36.31	22.09	12.42	7.36	5.33	3.68	2.65	2.12	1.16

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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