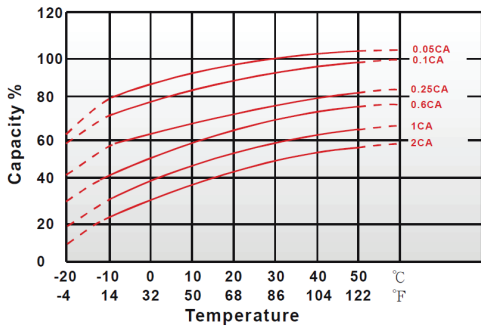
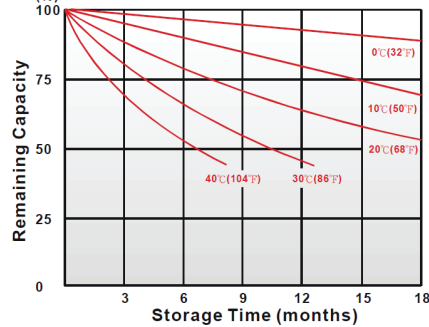


CHARACTERISTICS CHARTS

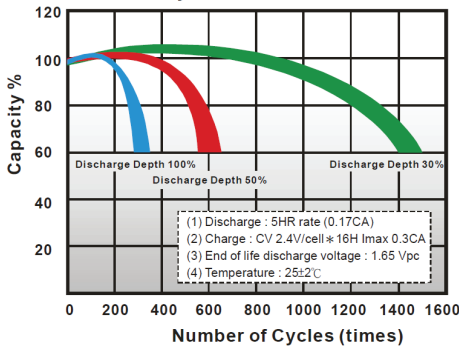
Effect of Temperature on Capacity 25°C (77°F)



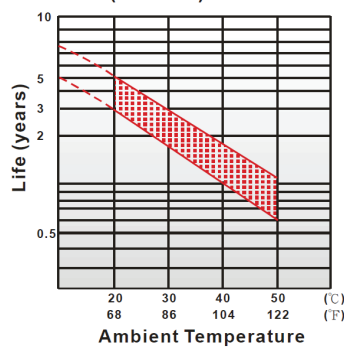
Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life



FEATURES & BENEFITS

- ◆ Industry leading 99.99% pure lead content for superior service life and dependable performance.
- ◆ Special grid frame alloy design with outstanding anti-corrosion performance.
- ◆ Maintenance free technology and non-spillable design.
- ◆ Suitable for use in any orientation (except inverted) for use in hard to reach locations.
- ◆ Higher percentage of tin content compared with the industry standard. Tin extends battery standby life by minimising sulphation (corrosion) especially at higher temperatures.
- ◆ Manufactured by Kung Long Battery (KLB) at facilities in Taiwan and Vietnam. KLB is a leading manufacturer and complies with relevant international quality standards including ISO9001, CE ETL9000, UL1989, OHSAS18001 and ISO17025. KLB supports Green Sustainable supply chain practices.



PERFORMANCE DATA

Discharge Rates in Watts to Various End Voltages at 25°C (77°F)

End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
Time								
5	min	74.8	85.2	92.3	98.8	101	104	106
10	min	52.2	58.7	64	68	70.1	71.4	72.7
15	min	39.5	43	46.2	48.3	49.2	50.5	51.2
30	min	25.7	27.5	28.6	29.5	29.9	30.1	30.6
60	min	17	17.9	18.5	19	19.2	19.4	19.5
120	min	9.58	10.1	10.3	10.5	10.6	10.6	10.7
180	min	6.85	7.07	7.22	7.35	7.4	7.44	7.54
240	min	5.37	5.52	5.63	5.73	5.77	5.81	5.88
300	min	4.58	4.7	4.78	4.85	4.89	4.92	4.94
600	min	2.56	2.66	2.72	2.77	2.79	2.8	2.82
1200	min	1.39	1.41	1.43	1.45	1.46	1.46	1.47

Discharge Rates in Amperes to Various End Voltages at 25°C (77°F)

End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
Time								
5	min	44.5	49.9	53.9	58	60.4	62.9	65.2
10	min	31.5	33.7	35.8	37.9	38.8	39.9	40.8
15	min	22.9	24.4	25.5	26.8	27.3	28.2	28.6
30	min	13.6	14.2	14.8	15.3	15.6	15.8	16.1
60	min	8.67	9.09	9.42	9.69	9.83	9.92	10
120	min	4.6	4.81	4.92	5.04	5.07	5.13	5.35
180	min	3.38	3.47	3.54	3.6	3.62	3.66	3.72
240	min	2.61	2.66	2.73	2.79	2.81	2.85	2.9
300	min	2.27	2.32	2.35	2.38	2.39	2.41	2.43
600	min	1.21	1.27	1.32	1.35	1.36	1.37	1.38
1200	min	0.664	0.692	0.705	0.71	0.712	0.715	0.718

All data on the spec. sheet is an average value:

The tolerance range : X < 6min (+15%~-15%), 6min ≤ X < 10min (+12%~-12%), 10min ≤ X < 60min (+8%~-8%), X ≥ 60min (+5%~-5%)

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Performance may vary depending on application. All specifications are correct at time of creation. All specifications and operation conditions contained in this datasheet are subject to change or improvement without prior notice to the user. This data is for evaluation purposes only. No guarantee is intended or implied by this data. For clarification and updated information, please contact us.