

## WP2.6-12 12Volt 2.6Ah

### Specifications

Nominal Voltage(V) **12V**

#### Nominal Capacity

20 hour rate	(0.13A to 10.50V)	<b>2.6Ah</b>
10 hour rate	(0.247A to 10.50V)	<b>2.47Ah</b>
5 hour rate	(0.442A to 10.20V)	<b>2.21Ah</b>
1 C	(2.6A to 9.60V)	<b>1.473Ah</b>
3 C	(7.8A to 9.60V)	<b>1.04Ah</b>

Weight **Approx. 1.0kg(2.2Lbs.)**

Internal Resistance (at 1KHz) **Approx. 22 mΩ**

#### Maximum Discharge Current for

5 seconds: **39A**

#### Charging Methods at 25 (77 )

Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient -5.0mV/ /cell

Maximum Charging Current : **0.78A**

Standby use:

Float Charging Voltage **13.5 to 13.8V**

Coefficient -3.0mV/ /cell

#### Operating Temperature Range

Charge **-15 (5 ) to 40 (104 )**

Discharge **-15 (5 ) to 50 (122 )**

Storage **-15 (5 ) to 40 (104 )**

#### Charge Retention (shelf life) at 20 (68 )

1 month **92%**

3 month **90%**

6 month **80%**

Case Material **ABS UL94 HB**

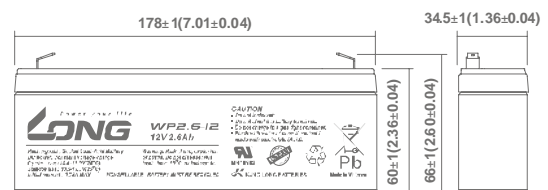
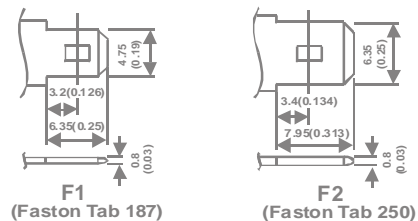
Option: Flammability resistance of (UL94 V-0)

Terminal **F1 or F2 (Faston Tab 187 or 250)**

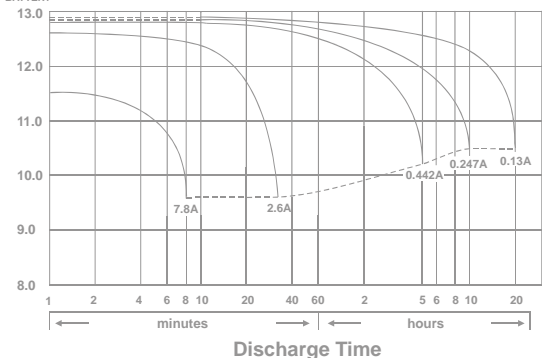


### Dimensions

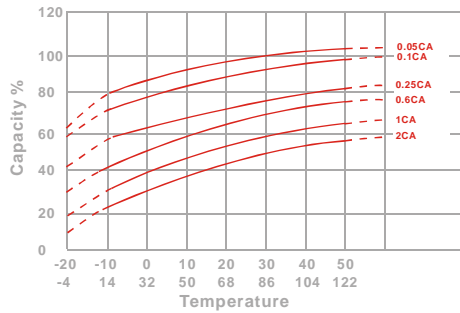
mm(inch)



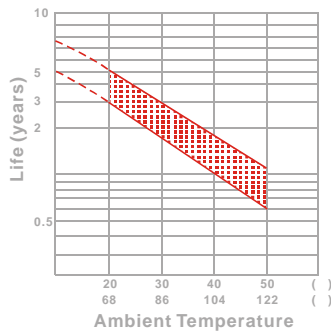
(v) FOR 12V BATTERY Discharge Time VS. Discharge Current (25 )



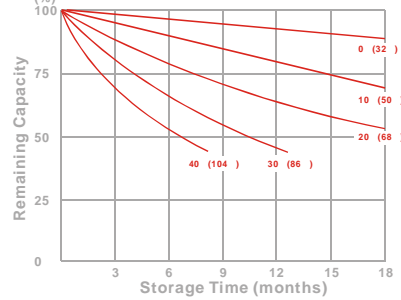
Effect of Temperature on Capacity 25 (77 )



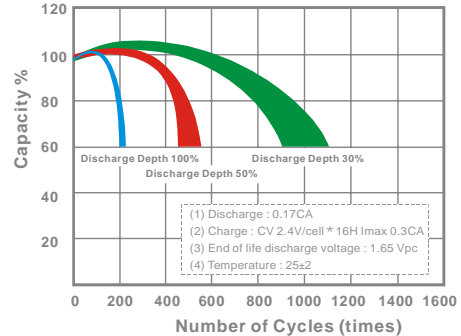
Trickle (or float) Service Life



Capacity Retention Characteristic



Cycle Service Life



## - PERFORMANCE DATA

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

End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
Time								
5	min	13.5	15.3	16.8	17.8	18.3	18.7	19.2
10	min	10.7	11.5	12.0	12.4	12.6	12.8	13.0
15	min	8.35	8.82	9.18	9.48	9.60	9.70	9.88
30	min	4.63	4.95	5.17	5.35	5.40	5.48	5.60
60	min	2.70	2.88	3.02	3.12	3.17	3.22	3.28
120	min	1.62	1.73	1.82	1.88	1.90	1.93	1.98
180	min	1.14	1.25	1.29	1.33	1.35	1.37	1.40
240	min	0.973	1.02	1.06	1.09	1.10	1.11	1.12
300	min	0.879	0.915	0.937	0.955	0.962	0.970	0.980
600	min	0.511	0.528	0.540	0.548	0.551	0.555	0.559
1200	min	0.270	0.278	0.285	0.289	0.291	0.293	0.294

- Discharge Rates in Amperes to Various End Voltages at 25 (77 )

End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
Time								
5	min	9.78	10.1	10.3	10.5	10.7	10.8	11.1
10	min	5.71	6.40	6.63	6.82	6.89	6.98	7.10
15	min	4.56	4.82	4.94	5.05	5.09	5.14	5.20
30	min	2.50	2.65	2.72	2.78	2.80	2.83	2.87
60	min	1.40	1.51	1.56	1.59	1.60	1.62	1.64
120	min	0.801	0.863	0.897	0.928	0.941	0.958	0.981
180	min	0.554	0.608	0.633	0.655	0.664	0.674	0.689
240	min	0.446	0.484	0.507	0.526	0.532	0.540	0.548
300	min	0.420	0.439	0.452	0.461	0.465	0.470	0.475
600	min	0.242	0.251	0.257	0.262	0.263	0.265	0.267
1200	min	0.127	0.131	0.134	0.136	0.137	0.138	0.139

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%)

211016-1C



Head Quarter Service - TEL: +886-49-2254-777 FAX: +886-49-2255-139 E-mail: sales@mail.klb.com.tw  
USA Customer Service - TEL: +1-949-328-7936 FAX: +1-949-266-9917 E-mail: sales@kunglong.com  
Vietnam Customer Service - TEL: +84-72-3779666 FAX: +84-72-3779476 E-mail: sales@mail.klb.com.tw