Power your life

Valve Regulated Lead Acid Battery

WP1.2-6

Specifications

Nominal Voltage(V)

6V

Nominal Capacity

20 hour rate	(0.06A	to	5.25V)	1.2Ah
10 hour rate	(0.114A	to	5.25V)	1.14Ah
5 hour rate	(0.204A	to	5.1V)	1.02Ah
1 C	(1.2A	to	4.8V)	0.68Ah
3 C	(3.6A	to	4.8V)	0.48Ah

Weight

Approx. 289g(0.64Lbs.)

Internal Resistance (at 1KHz)

Approx. 28 mΩ

Maximum Discharge Current for

5 seconds: 18A

Charging Methods at 25℃(77℉)

Cycle use:

Charging Voltage	7.20 to 7.50V
Coefficient -5.0mV/℃/cell	
Maximum Charging Current：	0.36A

Standby use:

Float Charging Voltage	6.75 to 6.90V
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	97%
3 month	92%
6 month	85%

Case Material

ABS UL94 HB

Option: Flammability resistance of (UL94 V-0)

Design Life

EUROBAT(20℃):3-5 YEARS STANDARD COMMERCIAL

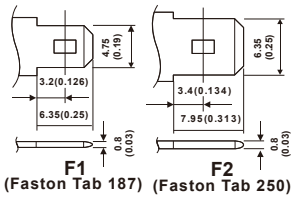
Terminal

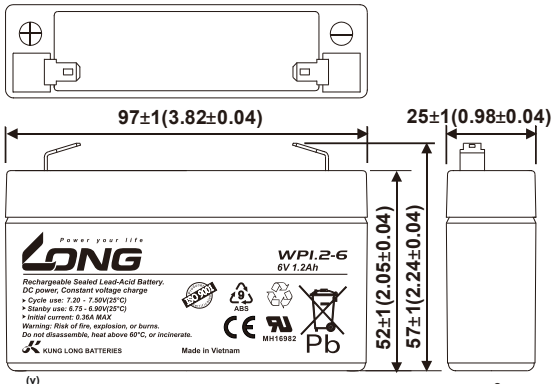
F1 or F2 (Faston Tab 187 or 250)

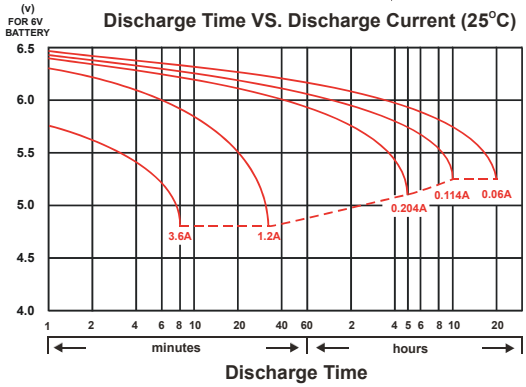
Dimensions

Length (L)	97±1 (3.82±0.04)
Width (W)	25±1 (0.98±0.04)
Height (H)	52±1 (2.05±0.04)
Overall Height (HT)	57±1 (2.24±0.04)

mm(inch)







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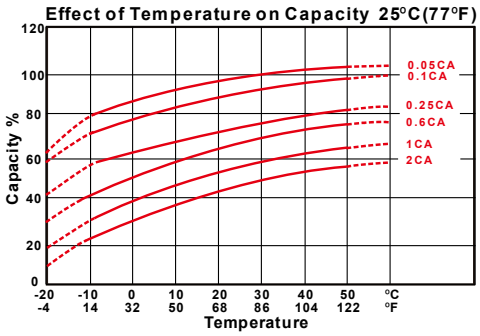

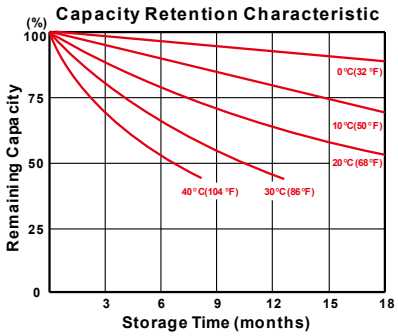

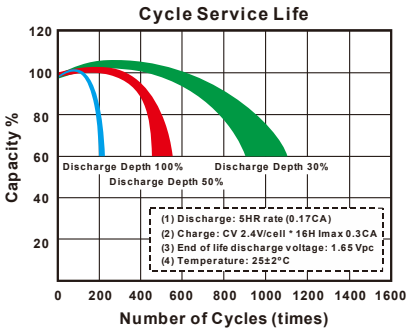

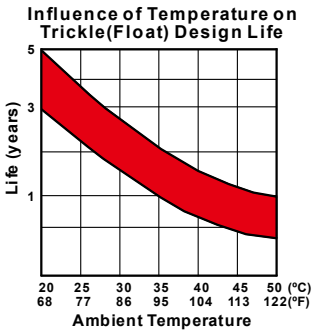

- PERFORMANCE DATA

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

Time \ End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	7.18	7.82	8.27	8.65	8.80	8.98	9.28
10	min	4.62	5.00	5.30	5.52	5.58	5.67	5.77
15	min	3.65	3.87	4.05	4.20	4.25	4.32	4.38
30	min	2.15	2.25	2.32	2.37	2.38	2.42	2.45
60	min	1.32	1.39	1.43	1.47	1.48	1.50	1.52
120	min	0.747	0.808	0.847	0.875	0.887	0.900	0.915
180	min	0.533	0.573	0.602	0.623	0.633	0.645	0.657
240	min	0.435	0.470	0.495	0.513	0.520	0.528	0.537
300	min	0.420	0.442	0.457	0.468	0.472	0.477	0.482
600	min	0.220	0.233	0.243	0.250	0.252	0.255	0.258
1200	min	0.123	0.126	0.129	0.130	0.131	0.131	0.132

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

Time \ End Voltage		1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5	min	3.49	4.11	4.57	4.94	5.09	5.26	5.51
10	min	2.12	2.43	2.63	2.81	2.88	2.96	3.11
15	min	1.71	1.95	2.09	2.20	2.24	2.29	2.35
30	min	0.931	1.06	1.17	1.24	1.26	1.29	1.32
60	min	0.680	0.716	0.735	0.759	0.765	0.772	0.779
120	min	0.392	0.415	0.429	0.440	0.444	0.449	0.456
180	min	0.272	0.291	0.302	0.311	0.314	0.318	0.324
240	min	0.223	0.238	0.247	0.254	0.257	0.260	0.264
300	min	0.207	0.219	0.226	0.231	0.233	0.236	0.238
600	min	0.112	0.117	0.121	0.124	0.125	0.126	0.127
1200	min	0.0615	0.0624	0.0631	0.0637	0.0639	0.0642	0.0646

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%)

260626-1K

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