

⚡ Specifications

Nominal Voltage(V)

6V

Nominal Capacity

20 hour rate	(0.25A to 5.25V)	5Ah
10 hour rate	(0.475A to 5.25V)	4.75Ah
5 hour rate	(0.85A to 5.1V)	4.25Ah
1 C	(5A to 4.8V)	2.83Ah
3 C	(15A to 4.8V)	2Ah

Weight

Approx. 830g(1.83Lbs.)

Internal Resistance (at 1KHz)

Approx. 19 mΩ

Maximum Discharge Current for

5 seconds: 75A

Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	7.20 to 7.50V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current :	1.5A
Standby use:	
Float Charging Voltage	6.75 to 6.90V
Coefficient -3.0mV/°C/cell	

Operating Temperature Range

Charge	-15°C(5°F)	to	40°C(104°F)
Discharge	-15°C(5°F)	to	50°C(122°F)
Storage	-15°C(5°F)	to	40°C(104°F)

Charge Retention (shelf life) at 20°C(68°F)

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°C): 3-5 YEARS STANDARD COMMERCIAL

Terminal

F1 or F2 (Faston Tab 187 or 250)



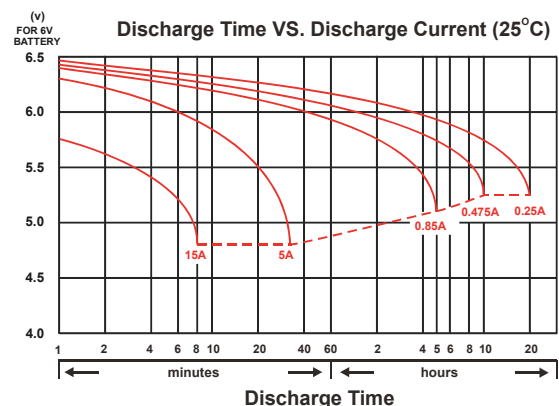
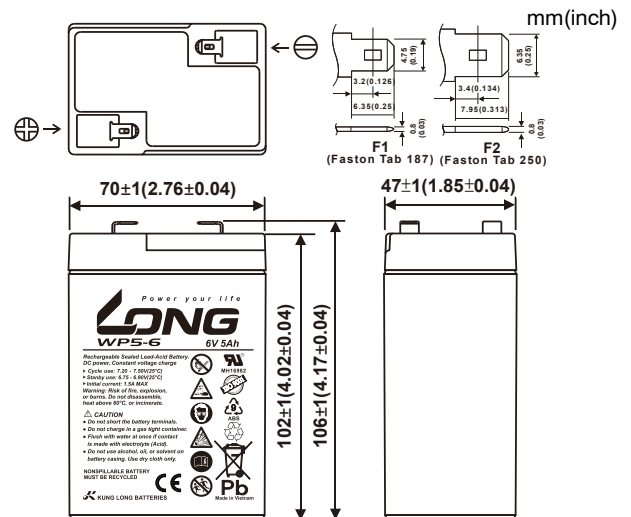
⚡ Dimensions

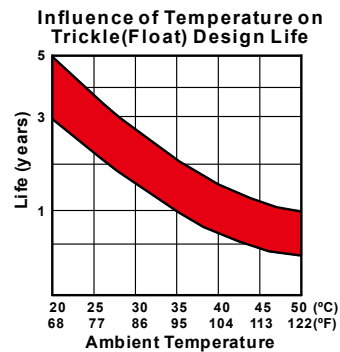
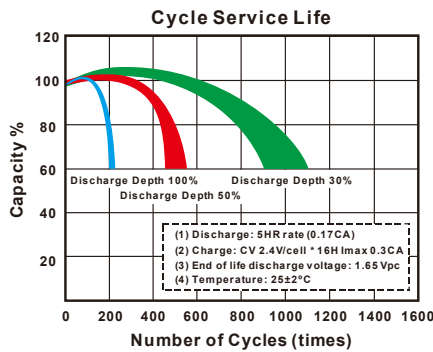
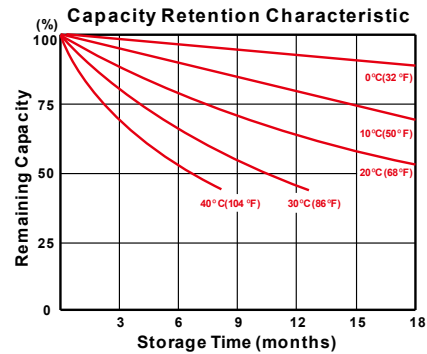
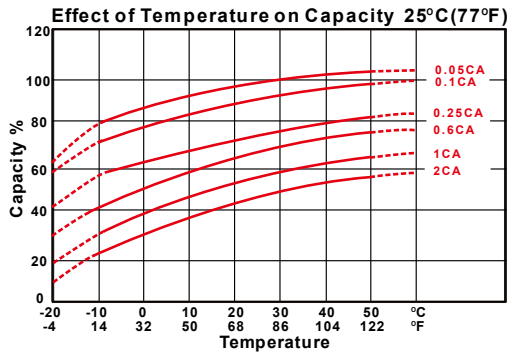
Length (L) 70±1 (2.76±0.04)

Width (W) 47±1 (1.85±0.04)

Height (H) 102±1 (4.02±0.04)

Overall Height (HT) 106±1 (4.17±0.04)





- PERFORMANCE DATA

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

Time	End Voltage	1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
		10 min	17.5	19.8	21.1	22.1	22.7	23.2
15 min	14.5	16.1	16.7	17.0	17.2	17.4	17.5	
30 min	8.43	9.42	9.81	9.99	10.1	10.2	10.3	
60 min	4.33	4.91	5.28	5.59	5.71	5.82	5.90	
120 min	2.55	2.85	2.99	3.09	3.16	3.22	3.28	
180 min	2.03	2.24	2.34	2.42	2.47	2.52	2.55	
240 min	1.65	1.78	1.85	1.91	1.95	1.98	2.01	
300 min	1.50	1.61	1.65	1.69	1.72	1.75	1.77	
600 min	0.881	0.940	0.968	0.99	1.00	1.01	1.02	
1200 min	0.445	0.482	0.513	0.525	0.532	0.539	0.543	

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

Time	End Voltage	1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
		10 min	10.8	12.1	12.3	12.5	12.6	12.7
15 min	7.79	8.47	8.97	9.19	9.26	9.34	9.42	
30 min	4.52	5.09	5.26	5.41	5.47	5.52	5.57	
60 min	2.43	2.69	2.81	2.93	2.97	3.00	3.03	
120 min	1.36	1.48	1.55	1.57	1.60	1.62	1.64	
180 min	1.12	1.18	1.22	1.24	1.25	1.26	1.27	
240 min	0.860	0.918	0.943	0.970	0.978	0.985	0.992	
300 min	0.799	0.836	0.850	0.862	0.868	0.873	0.878	
600 min	0.448	0.466	0.478	0.487	0.492	0.496	0.501	
1200 min	0.228	0.242	0.250	0.256	0.259	0.262	0.265	

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

The tolerance range : $X < 6\text{min}$ (+15%~-15%), $6\text{min} \leq X < 10\text{min}$ (+12%~-12%), $10\text{min} \leq X < 60\text{min}$ (+8%~-8%), $X \geq 60\text{min}$ (+5%~-5%)

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