

⚡ Specifications

Nominal Voltage(V)

12V

Nominal Power

15 mins rate: 35W/cell to 1.60V/cell

Nominal Capacity

5 hour rate	(1.445A to 10.20V)	7.225Ah
1C	(8.5A to 9.60V)	5.38Ah
3C	(25.5A to 9.60V)	3.4Ah

Weight

Approx. 2.65kg(5.83Lbs.)

Internal Resistance (at 1KHz)

Approx. 16 mΩ

Maximum Discharge Current for

5 seconds: 127.5A

Charging Methods at 25°C(77°F)

Maximum Charging Current :	2.55A
Standby use:	
Float Charging Voltage	13.5 to 13.8V
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 & Standard

EUROBAT (20°C):10/12 YEARS LONG LIFE

Terminal

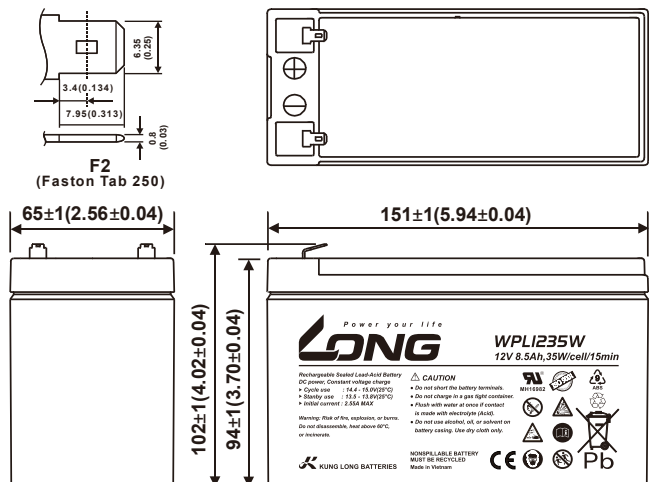
F2 (Faston Tab 250)



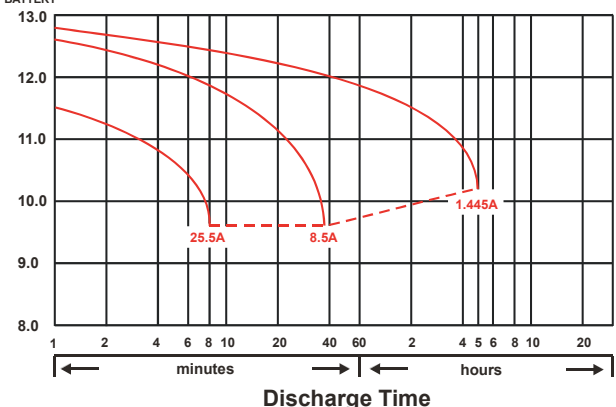
⚡ Dimensions

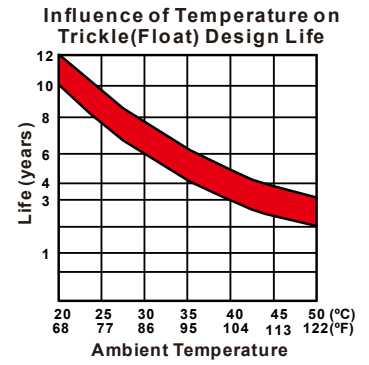
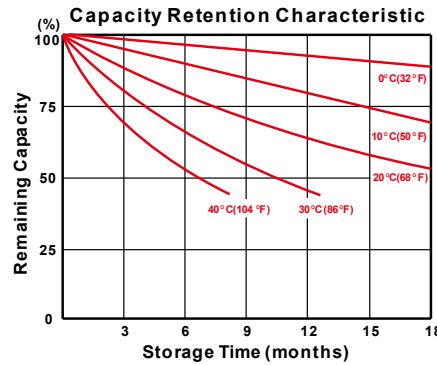
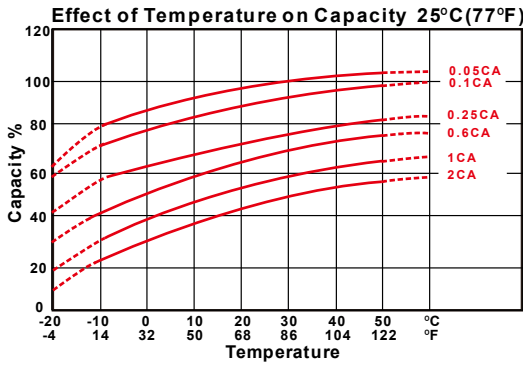
Length (L)	151±1 (5.94±0.04)
Width (W)	65±1 (2.56±0.04)
Height (H)	94±1 (3.70±0.04)
Overall Height (HT)	102±1 (4.02±0.04)

mm(inch)



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





- 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
10	min	37.1	39.3	40.9	41.5	41.8	42.1	42.3
15	min	29.5	31.1	32.7	34.0	35.0	35.1	35.1
30	min	16.7	17.6	18.2	18.5	18.7	18.8	18.9
60	min	9.7	10.1	10.5	10.7	10.8	10.9	10.9
120	min	5.38	5.55	5.68	5.78	5.84	5.88	5.90
180	min	3.91	4.02	4.10	4.17	4.22	4.26	4.28
240	min	3.00	3.15	3.25	3.30	3.33	3.35	3.37
300	min	2.51	2.62	2.71	2.77	2.81	2.83	2.85
480	min	1.72	1.75	1.78	1.80	1.81	1.82	1.82
600	min	1.41	1.49	1.55	1.57	1.59	1.60	1.61
1200	min	0.753	0.793	0.827	0.839	0.845	0.850	0.853

- 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
10	min	19.3	20.9	22.2	22.9	23.4	23.8	24.1
15	min	14.3	15.2	15.9	16.4	16.6	16.8	16.9
30	min	8.78	9.00	9.18	9.30	9.36	9.41	9.42
60	min	4.90	5.12	5.30	5.39	5.43	5.45	5.47
120	min	2.66	2.86	2.99	3.01	3.02	3.03	3.04
180	min	1.89	2.06	2.18	2.23	2.26	2.28	2.29
240	min	1.59	1.68	1.74	1.76	1.77	1.78	1.79
300	min	1.29	1.38	1.45	1.47	1.48	1.49	1.49
480	min	0.919	0.950	0.978	0.982	0.983	0.984	0.985
600	min	0.760	0.786	0.808	0.812	0.813	0.814	0.815
1200	min	0.399	0.413	0.425	0.426	0.427	0.428	0.428

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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