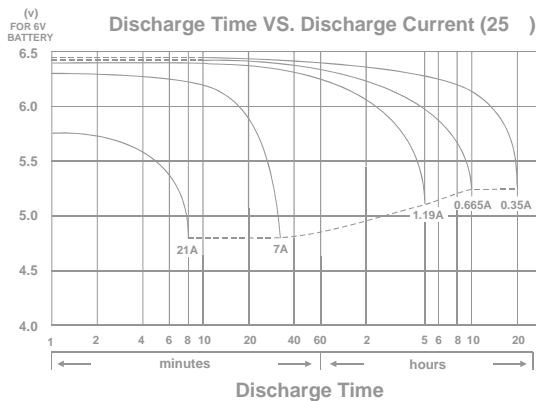
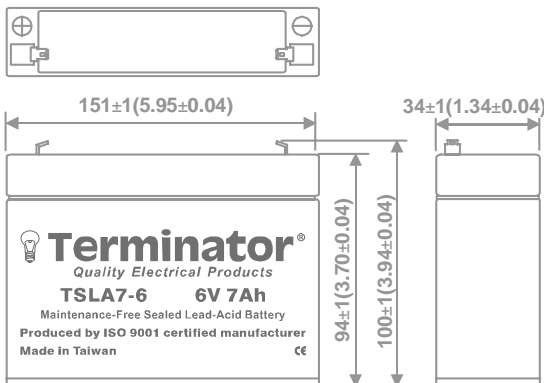
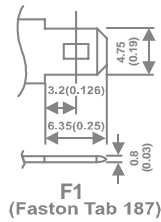




Dimensions mm(inch)



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Specifications

Nominal Voltage(V) **6V**

Nominal Capacity

20 hour rate	(0.35A	to	5.25V)	7Ah
10 hour rate	(0.665A	to	5.25V)	6.65Ah
5 hour rate	(1.19A	to	5.10V)	5.95Ah
1 C	(7A	to	4.80V)	3.97Ah
3 C	(21A	to	4.80V)	2.8Ah

Weight **Approx. 1.2kg(2.64Lbs.)**

Internal Resistance (at 1KHz) **Approx. 12 mΩ**

Maximum Discharge Current for

5 seconds: **105A**

Charging Methods at 25 °C (77 °F)

Cycle use:

Charging Voltage **7.20 to 7.50V**

Coefficient **-5.0mv/°C/cell**

Maximum Charging Current : **2.1A**

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 **92%**

3 month **90%**

6 month **80%**

Case Material

ABS

(UL94 HB)

Terminal

F1 (Faston Tab 187)

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- PERFORMANCE DATA

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

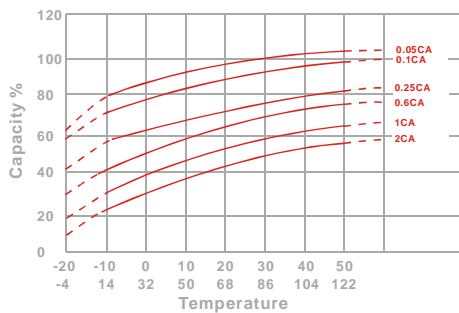
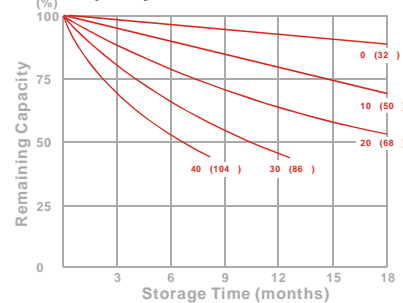
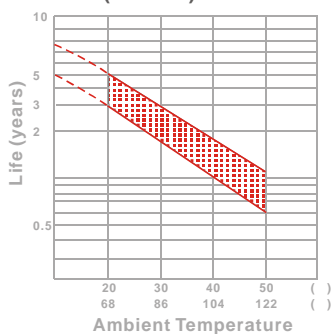
End Voltage		1.85V	1.8V	1.75V	1.70V	1.65V	1.60V
Time							
5	min	28.8	30.2	32.4	33.1	34.0	35.2
10	min	16.2	17.0	18.2	18.6	19.1	19.8
15	min	12.5	13.1	13.6	13.9	14.1	14.5
30	min	6.56	6.88	7.14	7.30	7.40	7.61
60	min	3.90	4.08	4.31	4.37	4.42	4.48
120	min	2.05	2.14	2.26	2.29	2.32	2.35
180	min	1.63	1.70	1.79	1.82	1.84	1.87
240	min	1.30	1.36	1.44	1.46	1.47	1.49
300	min	1.11	1.16	1.22	1.24	1.25	1.27
600	min	0.65	0.68	0.72	0.73	0.74	0.75
1200	min	0.34	0.36	0.38	0.38	0.39	0.39

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

End Voltage		1.85V	1.8V	1.75V	1.70V	1.65V	1.60V
Time							
5	min	161	169	181	185	190	197
10	min	82.5	92.0	99.0	102	105	108
15	min	70.0	72.0	74.5	76.5	78.5	80.5
30	min	44.5	45.1	45.5	45.8	46.3	46.9
60	min	23.5	24.0	24.5	24.8	25.0	25.4
120	min	15.4	15.6	16.1	16.3	16.4	16.7
180	min	9.8	10.2	10.8	11.0	11.1	11.3
240	min	7.50	7.73	8.11	8.27	8.38	8.64
300	min	6.27	6.50	6.90	7.06	7.12	7.28
600	min	3.64	3.81	4.02	4.07	4.13	4.18
1200	min	1.90	2.02	2.17	2.22	2.27	2.32

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%)

Effect of Temperature on Capacity 25 (77)

Capacity Retention Characteristic

Trickle (or float) Service Life

Cycle Service Life
