



BATERIA 12-7

Especificaciones

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (0.36A	to	10.50V)	7.2Ah
10hour rate (0.72A	to	10.50V)	6.84Ah
5hour rate (1.22A	to	10.20V)	6.12Ah
1C (7.2A	to	9.60V)	3.24Ah
3C (21.6A	to	9.60V)	2.52Ah

Weight Approx. 2.45kg(5.39Lbs.)

Internal Resistance (at 1KHz) 22 mΩ

Maximum Discharge Current for 5 seconds : 135A

Operating Temperature Range

Charge	0°C (32°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%

Charging Methods at 20°C (68°F)

Cycle use:

Charging Voltage 14.4 to 15.0V
Maximum Charging Current : 2.16A

Standby use :

Float Charging Voltage 13.50 to 13.80V

Life expectancy :

Cycle Use :

100% depth of discharge 200 cycles
80% depth of discharge 225 cycles
50% depth of discharge 500 cycles

Standby Use : 3~5years

Case Material

ABS

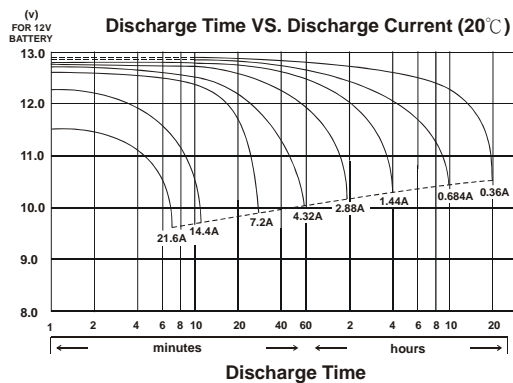
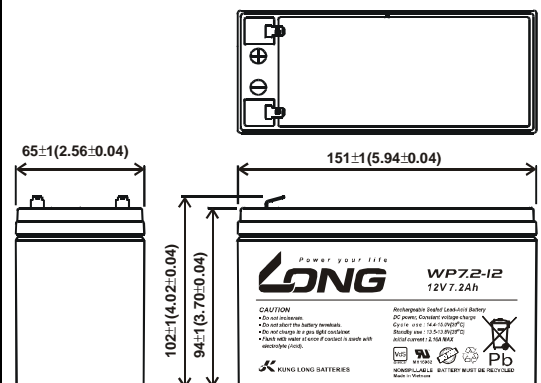
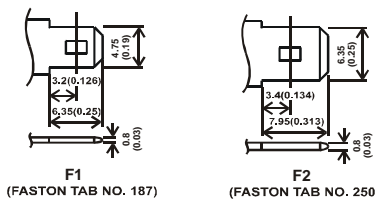
(Option : 94-HB & 94V-0 flame retardant case)

Terminal

F1 or F2

Dimensiones

mm(inch)





RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.1

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

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

PERFORMANCE DATA Discharge Rates in Watts to Various End Voltages at 25°C

Time	End Voltage	11.10V	10.80V	10.50V	10.20V	9.90V	9.60V
	5	min	255	279	293	309	317
10	min	174	182	192	205	214	222
15	min	136	148	159	164	169	171
30	min	81.9	87.7	91.7	94.0	96.4	100
60	min	42.8	46.1	47.8	49.7	51.2	52.9
120	min	30.6	32.2	33.0	34.0	35.1	35.9
180	min	17.4	19.2	20.7	21.5	22.1	22.8
240	min	14.7	15.6	16.6	17.4	17.9	18.6
300	min	14.4	14.8	15.2	15.5	16.0	16.4
600	min	7.94	8.28	8.40	8.63	8.86	9.09
1200	min	3.91	4.03	4.14	4.26	4.26	4.37

Discharge Rates in Amperes to Various End Voltages at 25°C

Time	End Voltage	11.10V	10.80V	10.50V	10.20V	9.90V	9.60V
	5	min	22.2	24.3	25.5	26.9	27.6
10	min	15.1	15.8	16.7	17.8	18.6	19.3
15	min	11.8	12.9	13.8	14.3	14.7	14.9
30	min	7.12	7.63	7.97	8.17	8.38	8.71
60	min	3.72	4.01	4.16	4.32	4.45	4.60
120	min	2.66	2.80	2.87	2.96	3.05	3.12
180	min	1.51	1.67	1.80	1.87	1.92	1.98
240	min	1.28	1.36	1.44	1.51	1.56	1.62
300	min	1.25	1.29	1.32	1.35	1.39	1.43
600	min	0.69	0.72	0.73	0.75	0.77	0.79
1200	min	0.34	0.35	0.36	0.37	0.37	0.38