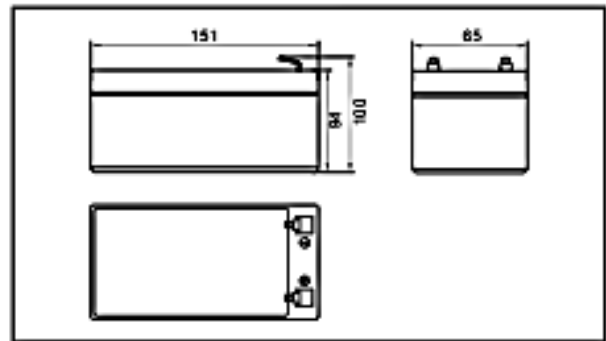


BT-12-7 (12V 7AH)



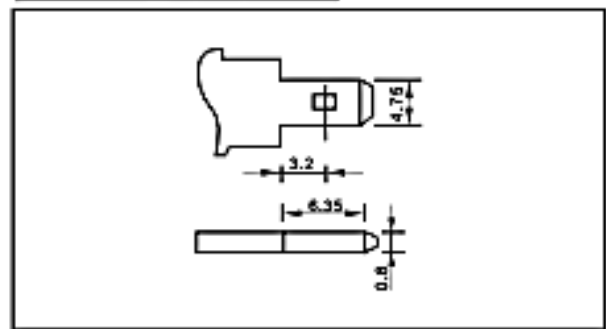
● Outer dimensions (mm)



● Specifications

Nominal Voltage		12V
Rated capacity (20 hour rate)		7.0Ah
Dimensions	Total Height	100mm (3.94inches)
	Height	94mm (3.70inches)
	Length	151mm (5.94inches)
	Width	65mm (2.56inches)
Weight Approx		2.5Kg (5.51lbs)

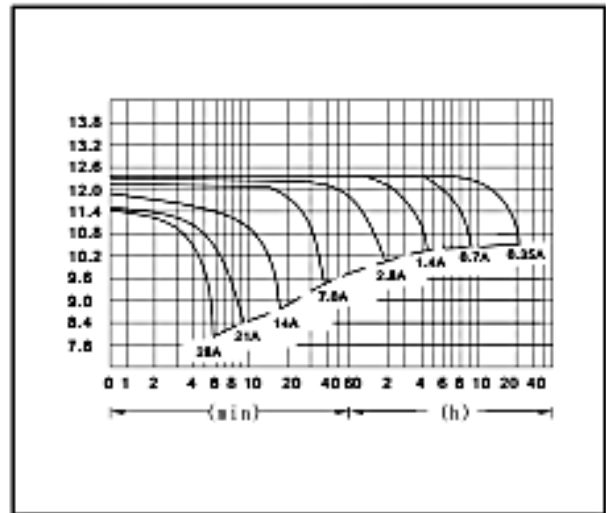
● Terminal Type(mm)



● Characteristics

Capacity 25°C(77°F)	20 hour rate(0.35A)	7.00 AH
	10 hour rate(0.64A)	6.40 AH
	5 hour rate(1.20A)	6.00AH
	1 hour rate(4.20A)	4.20 AH
1.5 hour discharge to 10.5V		2.8 A
Internal Resistance	Full charged Battery at 25°C(77°F)	22 mΩ
Capacity affected by Temperature (20hour rate)	40°C(104°F)	102%
	25°C(77°F)	100%
	0°C(32°F)	85%
	-15°C(5°F)	65%
Self-Discharge at 25°C(77°F)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Terminal		T1, T2
Charge (constant Voltage)	Cycle	Initial Charging Current less than 2.80A Voltage 14.10-14.40V
	Float	Voltage 13.50-13.80V

● Discharge Curves 25 °C(77°F)



Constant Current(Amp) and Constant Power(Watt) Discharge Table at 25 (77) °C °F

Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	28.00	18.90	13.30	8.05	4.20	2.45	1.80	1.45	1.23	0.81	0.36
	W	297.2	200.7	141.2	85.5	48.4	28.4	20.85	16.74	14.20	9.36	4.20
10.20V	A	25.20	17.21	11.96	7.64	3.94	2.35	1.75	1.40	1.20	0.80	0.35
	W	279.7	190.8	132.7	84.9	45.5	27.2	20.27	16.22	13.94	9.22	4.08
10.50V	A	23.83	16.38	11.20	7.41	3.82	2.30	1.72	1.33	1.20	0.79	0.35
	W	270.1	185.5	126.9	84.0	44.2	26.7	19.92	15.40	13.85	9.13	4.05
10.80V	A	22.17	15.52	10.50	7.20	3.69	2.25	1.69	1.31	1.14	0.77	0.35
	W	257.8	180.3	122.2	83.7	42.9	26.1	19.69	15.21	13.24	8.75	3.97
11.10V	A	21.00	14.70	9.80	7.00	3.56	2.19	1.60	1.28	1.09	0.75	0.33
	W	250.0	174.7	116.4	83.1	42.3	26.0	19.10	15.17	12.95	8.46	3.94