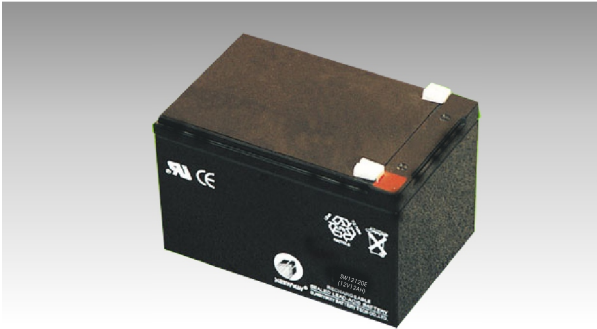
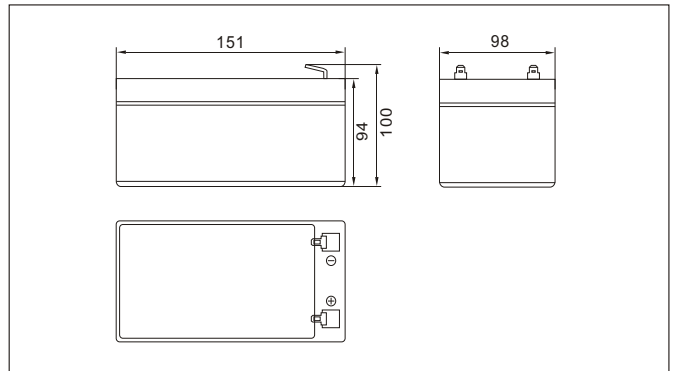




SW12120E(12V12AH)



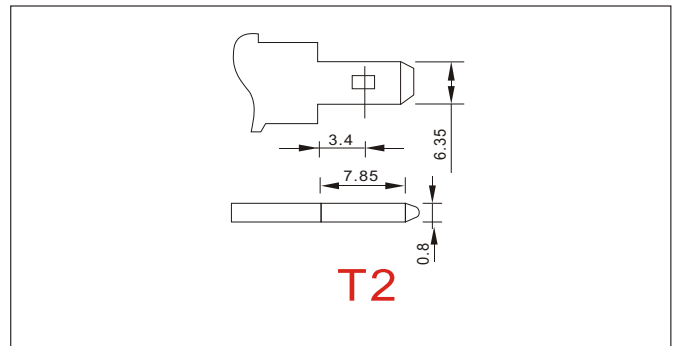
● **Outer dimensions (mm)**



● **Specifications**

Nominal Voltage	12V	
Rated capacity (20 hour rate)	12Ah	
Dimensions	Total Height	100 mm (3.94 inches)
	Height	94 mm (3.70 inches)
	Length	151 mm (5.94 inches)
	Width	98 mm (3.86 inches)
Weight Approx	3.6 Kg (7.96 lbs)	

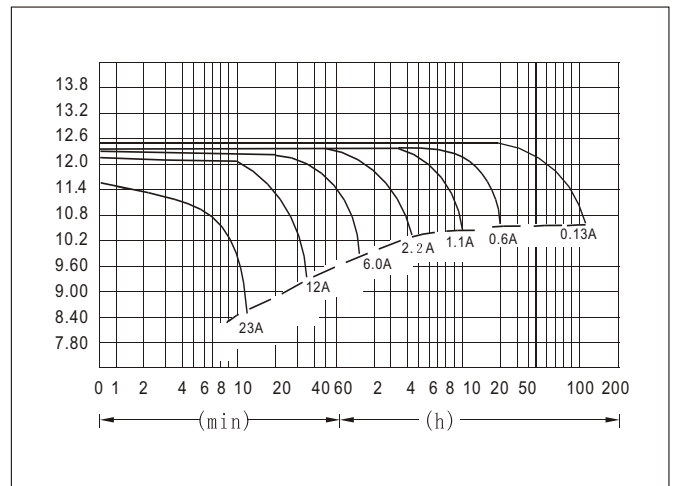
● **Terminal Type (mm)**



● **Characteristics**

Capacity 25°C(77°F)	20 hour rate(0.60 A)	12 AH
	10 hour rate(1.10 A)	11.0 AH
	5 hour rate(1.92A)	9.6 AH
	1 hour rate(6.60 A)	6.60 AH
Internal Resistance	Full charged Battery at 25°C(77°F)	15 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	T2	
Charge (constant Voltage)	Cycle	Initial Charging Current less than3.0A Voltage 14.40-14.70V
	Float	Voltage 13.50-13.80V

● **Discharge Curves 25°C(77°F)**



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

Time		10min	30min	1h	3h	4h	5h	8h	10h	20h	50h	100h
9.60V	A	23	13	7	2.82	2.20	1.81	1.28	1.15	0.62	0.259	0.133
	W	257	134	76	33	25	21	15	13	7.2	3.1	1.6
10.20V	A	23	12	6.2	2.75	2.14	1.78	1.25	1.12	0.61	0.250	0.130
	W	247	133	72	32	25	21	14	13	7.0	3.0	1.5
10.50V	A	22	12	6.0	2.68	2.11	1.76	1.24	1.10	0.60	0.246	0.126
	W	240	125	69	31	24	20	14	13	6.9	2.9	1.5
10.80V	A	20	11	5.8	2.61	2.08	1.71	1.21	1.07	0.59	0.242	0.125
	W	230	121	66	30	24	20	14	13	6.9	2.9	1.5
11.10V	A	18	10	5	2.53	2.01	1.67	1.17	1.04	0.56	0.237	0.121
	W	227	120	65	30	24	20	14	12	6.7	2.8	1.4