



SW12100(12V10AH)



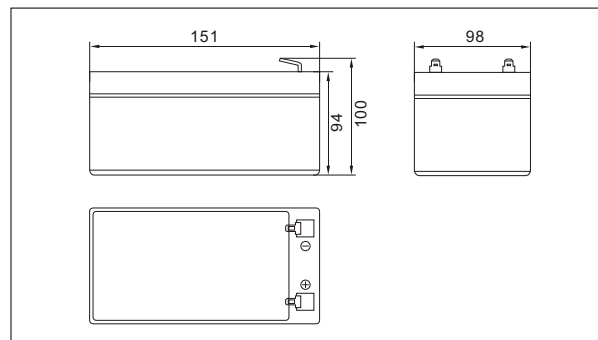
Specifications

Nominal Voltage		12V
Rated capacity (20 hour rate)		10Ah
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		3.2 Kg (7.05 lbs)

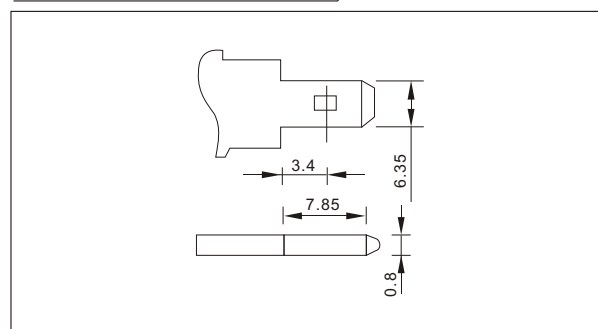
Characteristics

Capacity 25°C(77°F)	20 hour rate(0.50 A)	10.0 AH
	10 hour rate(0.92 A)	9.20 AH
	5 hour rate(1.70 A)	8.50 AH
	1 hour rate(6.00 A)	6.00 AH
	1.5 hour discharge to 10.5V	4.3 A
Internal Resistance		Full charged Battery at 25°C(77°F) 19 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 than 4.00A Voltage 14.40-14.70V
	Float	Voltage 13.50-13.80V

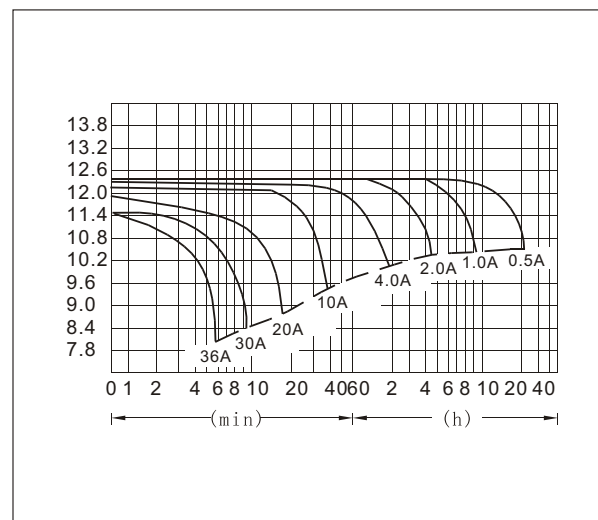
Outer dimensions (mm)



Terminal Type (mm)



Discharge Curves 25°C(77°F)



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

Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A 36.0	23.6	17.5	11.5	6.0	3.50	2.58	2.07	1.75	1.16	0.95	0.52
	W 374	253	188	124	65	38.4	28.7	23.3	20.0	13.3	10.9	6.0
10.20V	A 33.0	22.6	16.1	10.9	5.6	3.36	2.50	2.00	1.72	1.14	0.93	0.50
	W 355	253	180	123	64	38.7	29.0	23.3	20.0	13.3	10.9	5.9
10.50V	A 30.0	21.1	15.0	10.6	5.5	3.29	2.46	1.90	1.71	1.13	0.92	0.50
	W 330	240	171	122	63	38.2	28.6	22.3	19.9	13.3	10.9	5.9
10.80V	A 28.9	20.2	14.0	10.3	5.3	3.21	2.42	1.87	1.63	1.10	0.90	0.49
	W 324	233	161	119	61	37.6	28.5	22.0	19.2	13.0	10.7	5.8
11.10V	A 26.7	19.0	13.0	10.0	5.1	3.13	2.29	1.83	1.55	1.07	0.88	0.48
	W 303	220	151	117	60	37.0	27.2	21.8	18.5	12.8	10.6	5.8