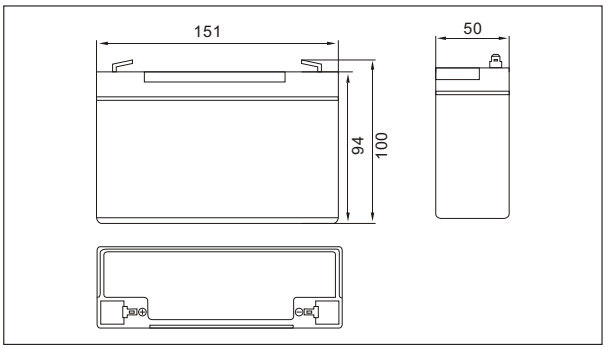
SW6100(6V10AH)



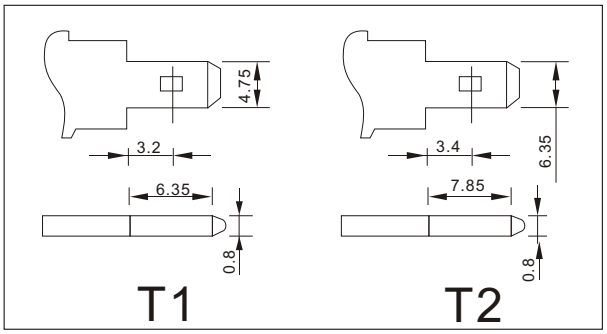
Outer dimensions (mm)



Specifications

Nominal Voltage		6 V
Rated capacity (20 hour rate)		10 Ah
Dimensions	Total Height	100mm(3.94 inches)
	Height	94 mm(3.70 inches)
	Length	151 mm(5.94 inches)
	Width	50 mm(1.97 inches)
Weight Approx		1.67 Kg(3.68lbs)

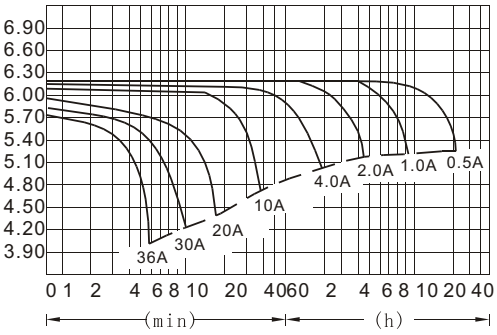
Terminal Type (mm)



Characteristics

Capacity 25℃(77℉)	20 hour rate(0.50A)	10.0 AH
	10 hour rate(0.92A)	9.20 AH
	5 hour rate(1.70A)	8.50 AH
	1 hour rate(6.00A)	6.00 AH
	1.5 hour discharge to 5.25 V	4.3 A
Internal Resistance	Full charged Battery at 25℃(77℉)	11 m Ω
Capacity affected by Temperature (20hour rate)	40℃(104℉)	102%
	25℃(77℉)	100%
	0℃(32℉)	85%
	-15℃(5℉)	65%
Self-Discharge at 25℃(77℉)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Terminal	T1 or T2	
Charge (constant Voltage) Cycle	Initial Charging Current less than 4.0A Voltage 7.20-7.35V	
Charge (constant Voltage) Float	Voltage 6.75-6.90V	

Discharge Curves 25℃ (77℉)



Constant Current(Amp) and Constant Power(Watt) Discharge Table at 25℃(77℉)

Time		5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
4.80V	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	187	127	94	61.9	32.5	19.2	14.33	11.63	9.98	6.65	5.46	3.00
5.10V	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	177	126	90	61.3	31.9	19.4	14.48	11.63	10.02	6.65	5.46	2.96
5.25V	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	165	120	86	60.8	31.5	19.1	14.31	11.13	9.96	6.63	5.44	2.96
5.40V	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	162	116	81	59.6	30.6	18.8	14.25	11.02	9.60	6.50	5.33	2.90
5.55V	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	151	110	76	58.5	29.8	18.5	13.60	10.92	9.27	6.40	5.29	2.88