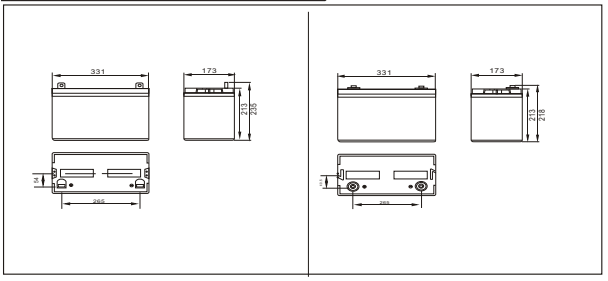
SHENZHEN SUNNYWAY BATTERY TECH CO.,LTD.

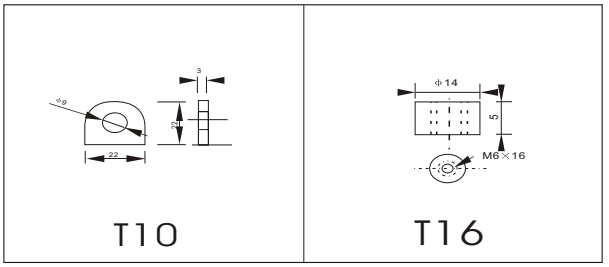
SwG121000(12V100AH)



Outer dimensions (mm)



Terminal Type (mm)



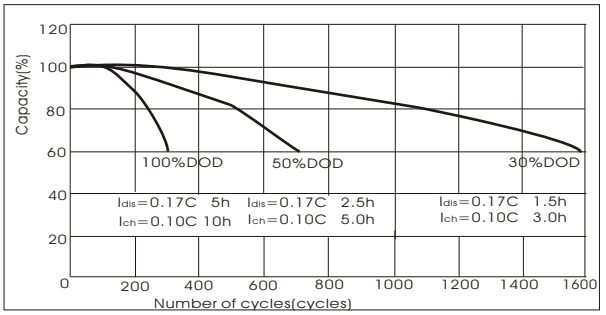
Specifications

Nominal Voltage			12 V
Rated capacity (20 hour rate)			100 Ah
Dimensions	Total Height	T10	235 mm (9.25inches)
		T16	218 mm (8.58 inches)
	Height		213 mm (8.39inches)
	Length		331 mm (13.0inches)
	Width		173 mm (6.81 inches)
Weight Approx			32 Kg (71.0 lbs)

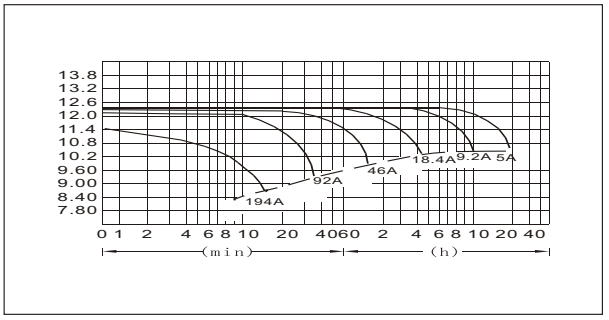
Characteristics

Capacity 25℃(77℉)	20 hour rate(5.00 A) 10 hour rate(9.2 0A) 5 hour rate(14.7 A) 1 hour rate(55.2 A)	100 AH 92.0 AH 73.6 AH 55.2 AH
Internal Resistance	Full charged Battery at 25℃(77℉)	Approx 9.0 mΩ
Capacity affected by Temperature (10hour rate)	40℃(104℉) 25℃(77℉) 0℃(32℉) -15℃(5℉)	102% 100% 85% 65%
Self-Discharge at 25℃(77℉)	Capacity after 3 month storage Capacity after 6 month storage Capacity after 12 month storage	91% 82% 64%
Terminal	T10、T16	
Charge (constant Voltage) Cycle	Initial Charging Current less than 36.8 A Voltage 14.10-14.40V	
Charge (constant Voltage) Float	Voltage 13.50-13.80V	

Curves of cycle life(25℃)



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
9.60V	A	295	194	156	105	55	32	23.6	18.4	15.2	10.8	9.7	5.2
	W	3041	2073	1678	1128	596	354	263.2	207.0	172.6	123.4	111.6	60.7
10.20V	A	285	175	147	100	52	31	23.0	17.9	14.9	10.5	9.5	5.1
	W	3048	1956	1649	1126	587	354	266.3	208.6	173.8	122.7	111.3	59.4
10.50V	A	276	157	129	94	50	30	22.4	17.7	14.7	10.4	9.3	5.1
	W	3015	1782	1471	1080	582	348	261.6	206.7	172.6	122.3	109.9	59.8
10.80V	A	266	148	120	86	49	29	21.9	17.4	14.4	10.1	9.2	5.0
	W	2985	1703	1380	1002	565	343	258.2	205.3	169.6	119.9	109.4	59.2
11.10V	A	257	138	111	77	47	29	21.2	16.9	14.0	9.8	8.7	4.7
	W	2916	1602	1287	904	552	337	251.4	201.6	166.9	117.9	105.5	56.9