



SWG122500(12V250AH)



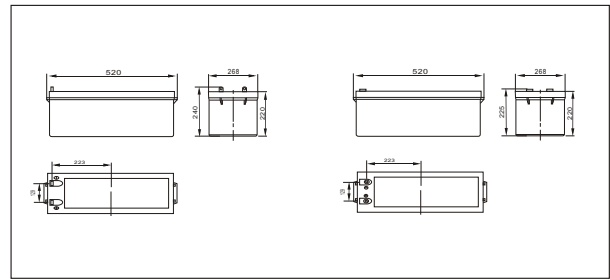
Specifications

Nominal Voltage		12V
Rated capacity (20 hour rate)		250 Ah
Dimensions	Total Height	241 mm (9.29inches)
	Height	220 mm (8.66 inches)
	Length	520 mm (20.5 inches)
	Width	268 mm (10.55 inches)
Weight Approx		79 Kg (175 lbs)

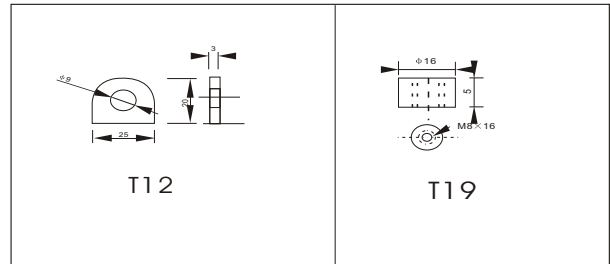
Characteristics

Capacity 25°C(77°F)	10 hour rate(25.0A) 5 hour rate(40.0A) 1 hour rate(150A)	250 AH 200AH 150 AH
Internal Resistance	Full charged Battery at 25°C(77°F)	Approx 5.0 m Ω
Capacity affected by Temperature (10hour rate)	40°C(104°F) 25°C(77°F) 0°C(32°F) -15°C(5°F)	102% 100% 85% 65%
Self-Discharge at 25°C(77°F)	Capacity after 3 month storage Capacity after 6 month storage Capacity after 12 month storage	91% 82% 64%
Terminal	T12.T19	
Charge (constant Voltage)	Cycle	Initial Charging Current less than 92 A Voltage 14.10-14.40V
	Float	Voltage 13.50-13.80V

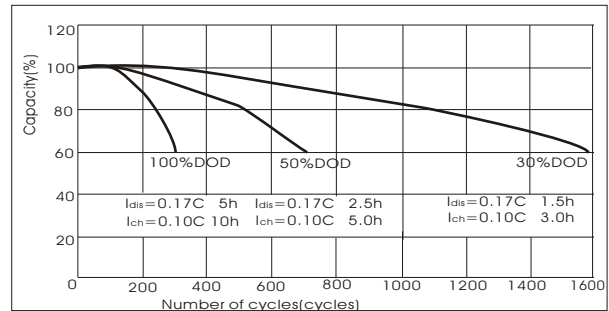
Outer dimensions (mm)



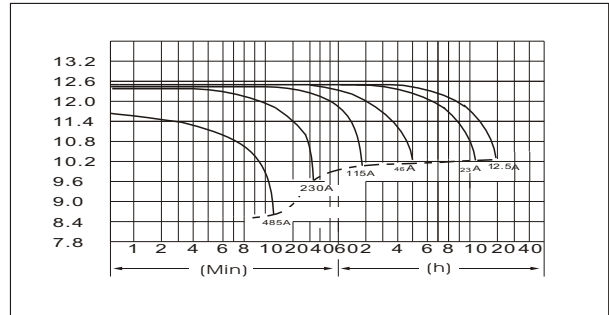
Terminal Type (mm)



Curves of cycle life(25°C)



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	737	485	391	262	138	81	59.1	46.0	38.0	26.9	24.2	13.0
	W	7603	5183	4195	2819	1490	884	657.9	517.5	431.5	308.4	278.9	151.6
10.20V	A	713	438	368	251	130	77	57.5	44.9	37.3	26.2	23.7	12.7
	W	7620	4890	4123	2814	1467	885	665.9	521.5	434.4	306.8	278.3	148.4
10.50V	A	690	392	322	235	126	75	56.1	44.2	36.8	26.0	23.2	12.7
	W	7537	4456	3677	2700	1454	870	653.9	516.7	431.4	305.6	274.9	149.5
10.80V	A	665	369	299	216	121	73	54.7	43.5	35.9	25.3	23.0	12.4
	W	7463	4257	3450	2505	1414	857	645.4	513.3	424.1	299.8	273.4	147.9
11.10V	A	643	346	276	193	117	71	52.9	42.3	35.0	24.6	21.9	11.7
	W	7290	4006	3218	2260	1379	843	628.5	504.0	417.2	294.7	263.8	142.2