



SWG121200(12V120AH)



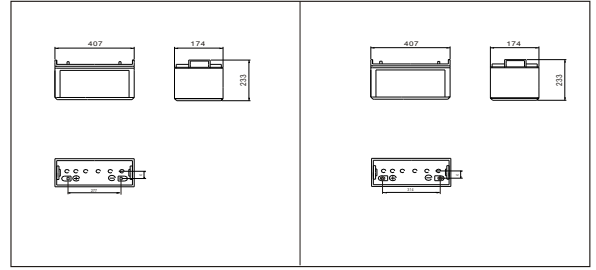
Specifications

Nominal Voltage		12V
Rated capacity (20 hour rate)		120 Ah
Dimensions	Total Height	233 mm (9.17 inches)
	Height	209 mm (8.23 inches)
	Length	407 mm (16.0 inches)
	Width	174mm (6.85inches)
Weight Approx		39.5 Kg (87.3 lbs)

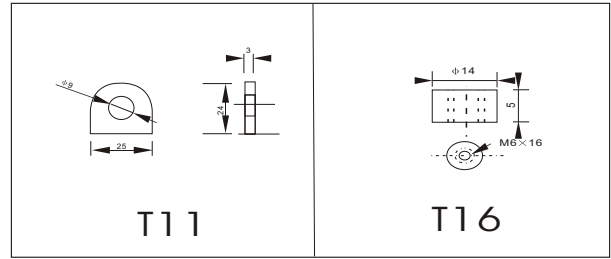
Characteristics

Capacity 25°C(77°F)	20 hour rate(6.0 A) 10 hour rate(11.0 A) 5 hour rate(17.6 A) 1 hour rate(66.0 A)	120 AH 110 AH 88.0 AH 66.0 AH
Internal Resistance	Full charged Battery at 25°C(77°F)	Approx 8.0 mΩ
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	T11, T16	
Charge (constant Voltage)	Cycle	Initial Charging Current less than 44 A Voltage 14.10-14.40V
	Float	Voltage 13.50-13.80V

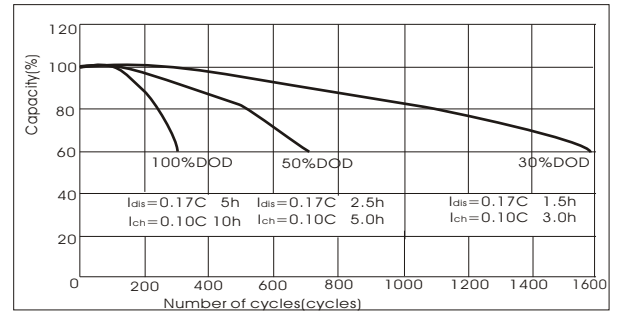
Outer dimensions (mm)



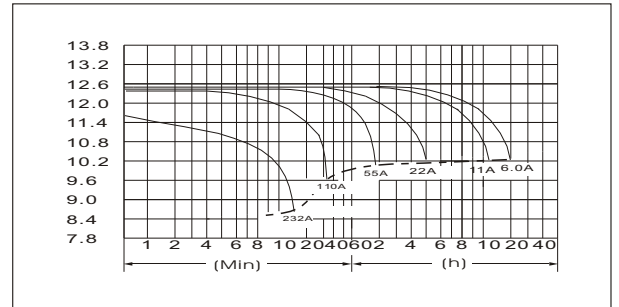
Terminal Type (mm)



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
960V	A	352	232	187	125	66	39	28.3	22.0	18.2	12.9	6.2
	W	3636	2479	2006	1348	713	423	314.6	247.5	206.4	147.5	72.5
1020V	A	341	209	176	120	62	37	27.5	21.5	17.8	12.5	6.1
	W	3644	2339	1972	1346	702	423	318.5	249.4	207.7	146.7	71.0
1050V	A	330	187	154	112	60	36	26.8	21.1	17.6	12.4	6.1
	W	3605	2131	1759	1291	695	416	312.7	247.1	206.3	146.2	71.5
1080V	A	318	177	143	103	58	35	26.2	20.8	17.2	12.1	5.9
	W	3569	2036	1650	1198	676	410	308.7	245.5	202.8	143.4	70.7
11.10V	A	307	165	132	92	56	34	25.3	20.2	16.7	11.8	5.6
	W	3486	1916	1539	1081	660	403	300.6	241.1	199.5	141.0	68.0