



# SWE61050(6V105AH)



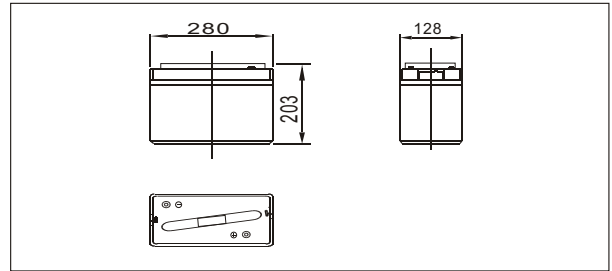
### Specifications

Nominal Voltage		6V
Rated capacity (10hour rate)		105 Ah
Dimensions	Total Height	203 mm (7.99 inches)
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	Length	280 mm (11.02 inches)
	Width	128mm (5.04 inches)
Weight Approx		18.5Kg (40.80lbs)

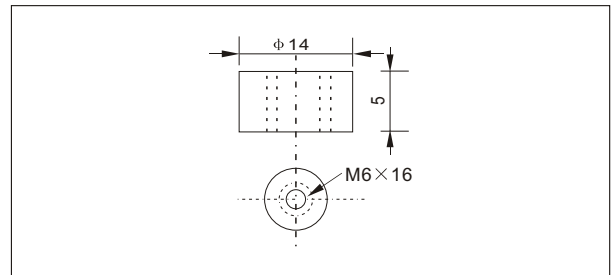
### Characteristics

Capacity 25°C(77°F)	10 hour rate(10.5A) 5 hour rate(16.8A) 1 hour rate(63A)	105 AH 84 AH 63 AH
Internal Resistance	Full charged Battery at 25°C(77°F)	Approx 2.2 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	T16	
Charge (constant Voltage)	Cycle	Initial Charging Current less than 42 A Voltage 7.05-7.2V
	Float	Voltage 6.75-6.90V

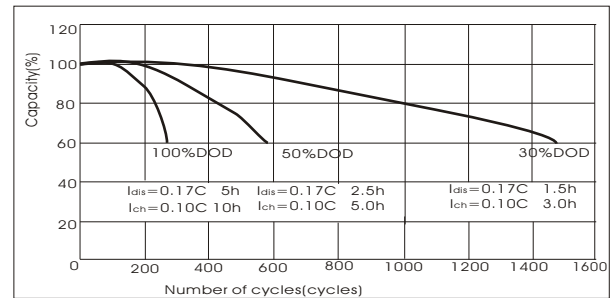
### Outer dimensions (mm)



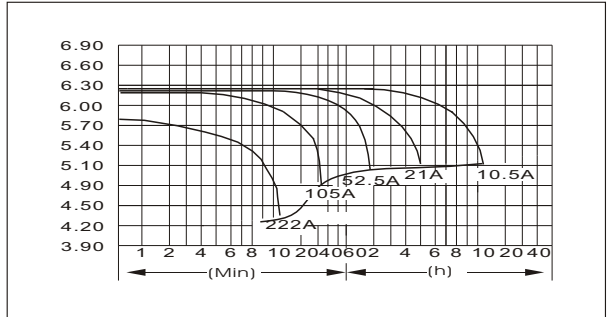
### Terminal Type (mm)



### 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
4.80V	A	336	222	179	120	63	37	27	21.0	17.3	12.3	11.0	6.0
	W	1735	1183	958	644	340	202	150	118.1	98.5	70.4	63.7	34.6
5.10V	A	326	200	168	114	59	35	26	20.5	17.0	12.0	10.8	5.8
	W	1739	1116	941	642	335	202	152	119.0	99.2	70.0	63.5	33.9
5.25V	A	315	179	147	107	57	34	26	20.2	16.8	11.9	10.6	5.8
	W	1720	1017	839	616	332	198	149	117.9	98.5	69.8	62.7	34.1
5.40V	A	304	169	137	99	55	33	25	19.8	16.4	11.6	10.5	5.7
	W	1704	972	787	572	323	196	147	117.2	96.8	68.4	62.4	33.8
5.55V	A	293	158	126	88	54	33	24	19.3	16.0	11.2	10.0	5.4
	W	1664	914	735	516	315	192	143	115.1	95.2	67.3	60.2	32.5