



SWE12280(12V28AH)



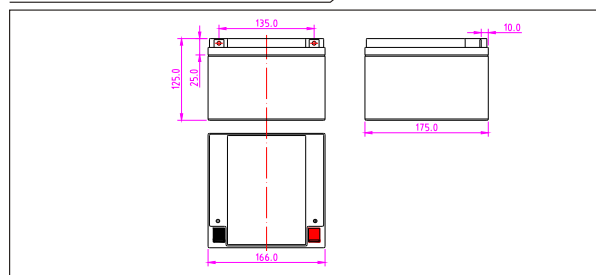
Specifications

Nominal Voltage		12V
Rated capacity (20 hour rate)		28 Ah
Dimensions	Total Height	125 mm (4.92 inches)
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	Length	166 mm (6.54 inches)
	Width	175mm (6.89 inches)
Weight Approx		9.0Kg (19.89lbs)

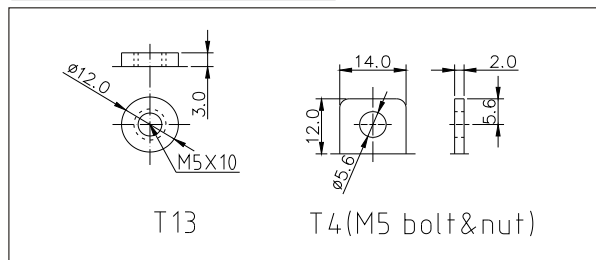
Characteristics

Capacity 25°C(77°F)	20 hour rate(1.40A)	28.0 AH
	10 hour rate(2.58 A)	25.8AH
	5 hour rate(4.76A)	23.8AH
	1 hour rate(16.80A)	16.8AH
Internal Resistance	Full charged Battery at 25°C(77°F)	
		9 mΩ
Capacity affected by Temperature (20hour rate)	40°C(104°F)	102%
	25°C(77°F)	100%
	0°C(32°F)	85%
	-15°C(5°F)	65%
Self-Discharge at 25°C(77°F)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Terminal		T4, T13
Charge (constant Voltage)	Cycle	Initial Charging Current less than 11.2 A Voltage 14.40-14.70V
	Float	Voltage 13.50-13.80V

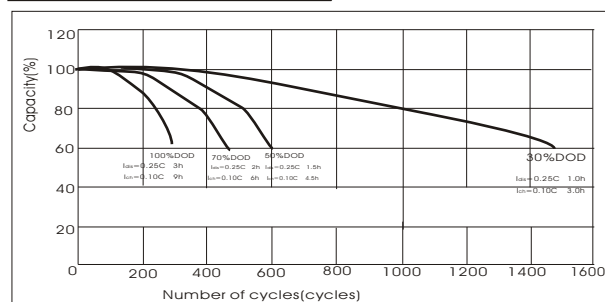
Outer dimensions (mm)



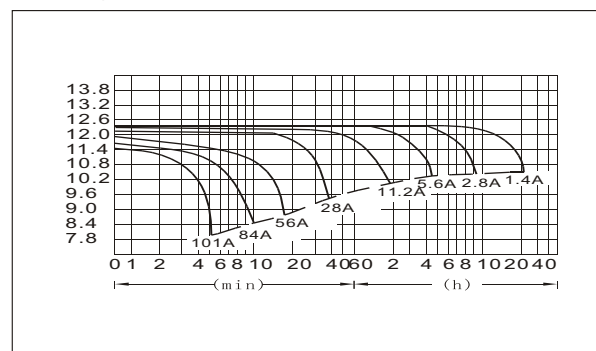
Terminal Type (mm)



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 100.80	66.08	49.00	32.20	16.80	9.80	7.21	5.79	4.91	3.24	2.65	1.45
	W 1188.8	746.7	564.7	341.8	193.7	113.4	83.4	67.0	56.8	37.5	30.7	16.8
10.20V	A 92.40	63.23	45.03	30.57	15.77	9.40	7.00	5.60	4.82	3.19	2.60	1.41
	W 1118.8	707.0	530.8	339.5	182.0	108.9	81.1	64.9	55.8	36.9	30.1	16.3
10.50V	A 84.12	59.08	42.00	29.63	15.26	9.22	6.88	5.32	4.80	3.15	2.58	1.40
	W 1080.3	686.0	507.5	336.0	176.6	106.8	79.7	61.6	55.4	36.5	29.9	16.2
10.80V	A 80.84	56.47	39.20	28.82	14.75	8.98	6.77	5.23	4.55	3.07	2.51	1.37
	W 947.3	665.0	488.8	334.8	171.5	104.5	78.8	60.8	53.0	35.0	29.2	15.9
11.10V	A 74.76	53.20	36.40	28.00	14.23	8.75	6.42	5.13	4.35	2.99	2.45	1.33
	W 915.8	642.8	465.5	332.5	169.2	103.8	76.4	60.7	51.8	33.8	28.6	15.8