



SW12150(12V15AH)



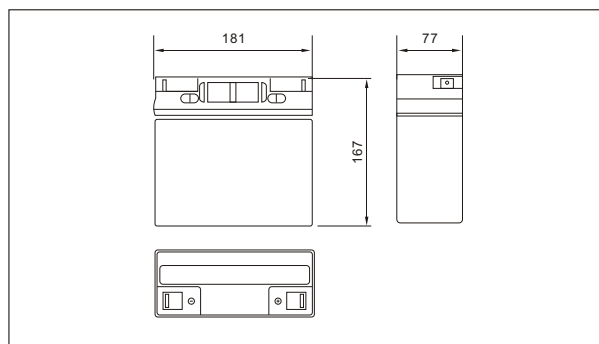
Specifications

Nominal Voltage		12V
Rated capacity (20hour rate)		15Ah
Dimensions	Total Height	167 mm (6.57 inches)
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	Length	181 mm (7.13 inches)
	Width	77 mm (3.03 inches)
Weight Approx		5.3 Kg (11.68 lbs)

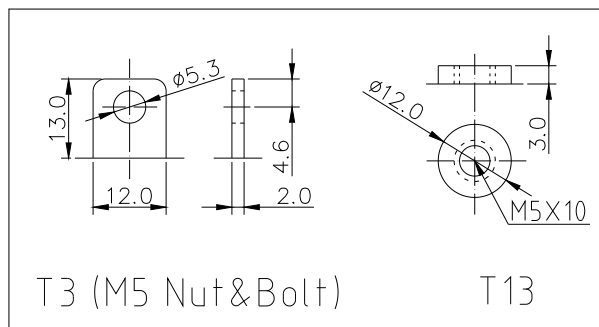
Characteristics

Capacity 25°C(77°F)	20 hour rate(0.75A)	15.0 AH
	10 hour rate(1.38A)	13.8 AH
	5 hour rate(2.50A)	12.5 AH
	1 hour rate(9.00A)	9.00 AH
	1.5 hour discharge to 10.5V	6.4 A
Internal Resistance	Full charged Battery at 25°C(77°F)	17 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	T3 or T13	
Charge (constant Voltage)	Cycle	Initial Charging Current less than 6.0A Voltage 14.40-14.70V
	Float	Voltage 13.50-13.80V

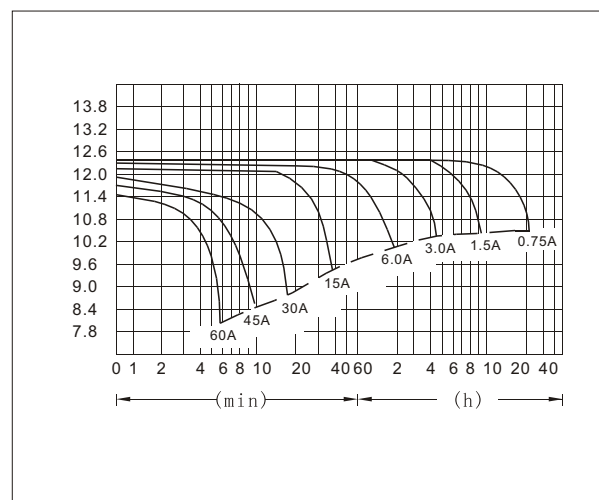
Outer dimensions (mm)



Terminal Type (mm)



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	54.0	35.4	26.3	17.3	9.0	5.25	3.86	3.10	2.63	1.74	1.42	0.78
	W	561	380	281	186	98	57.6	43.0	34.9	29.9	19.9	16.4	9.0
10.20V	A	49.5	33.9	24.1	16.4	8.4	5.04	3.75	3.00	2.58	1.71	1.39	0.76
	W	532	379	270	184	96	58.1	43.4	34.9	30.1	19.9	16.4	8.9
10.50V	A	45.1	31.7	22.5	15.9	8.2	4.94	3.69	2.85	2.57	1.69	1.38	0.75
	W	495	360	257	183	94	57.3	42.9	33.4	29.9	19.9	16.3	8.9
10.80V	A	43.3	30.3	21.0	15.4	7.9	4.81	3.63	2.80	2.44	1.64	1.34	0.73
	W	486	349	242	179	92	56.4	42.8	33.1	28.8	19.5	16.0	8.7
11.10V	A	40.1	28.5	19.5	15.0	7.6	4.69	3.44	2.75	2.33	1.60	1.31	0.71
	W	454	330	227	176	89	55.4	40.8	32.8	27.8	19.2	15.9	8.6