



SW12400E(12V40AH)



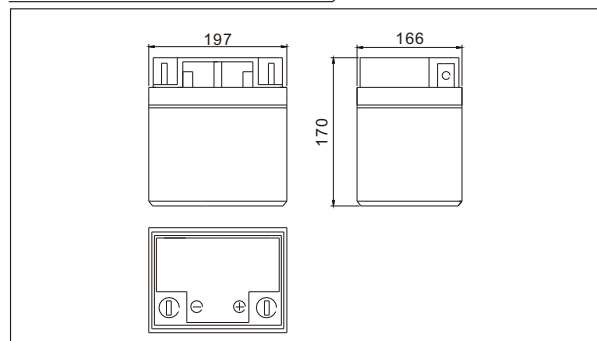
Specifications

Nominal Voltage		12V
Rated capacity (10hour rate)		40 Ah
Dimensions	Total Height	170 mm (6.69 inches)
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	Length	197 mm (7.76 inches)
	Width	166mm (6.54 inches)
Weight Approx		13.5 Kg (29.74 lbs)

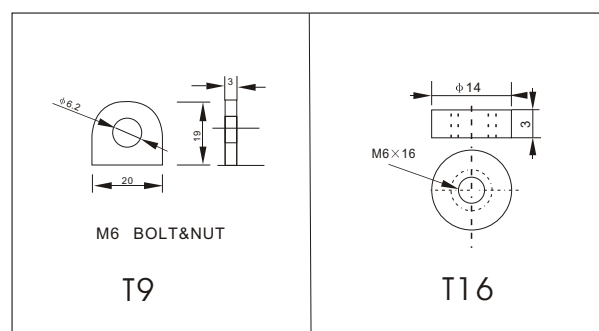
Characteristics

Capacity 25°C(77°F)	10 hour rate(4.0A)	40.0 AH
	5 hour rate(6.4 A)	32.0 AH
	1 hour rate(22 A)	22.0 AH
	1.5 hour discharge to 10.5V	16 A
Internal Resistance	Full charged Battery at 25°C(77°F)	8mΩ
Capacity affected by Temperature (10hour 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		T9、T16
Charge (constant Voltage)	Cycle	Initial Charging Current less than 10 A Voltage 14.10-14.40V
	Float	Voltage 13.50-13.80V

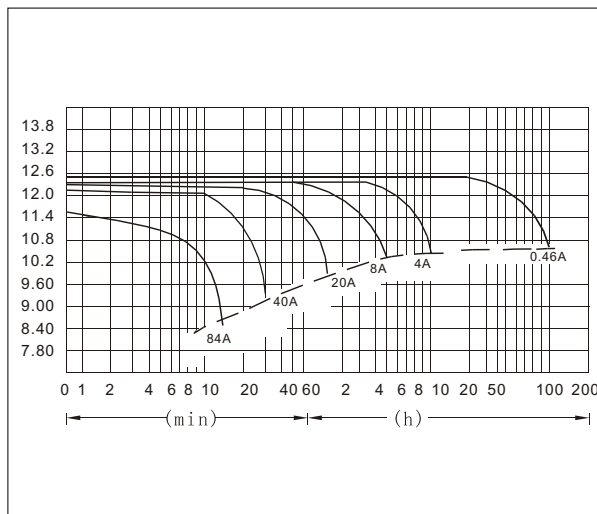
Outer dimensions (mm)



Terminal Type (mm)



Discharge Curves 25°C(77°F)



Constant Current(Amp) and Constant Power(Watt) Discharge Table at 25°C(77°F)

Time	10min	30min	1h	3h	4h	5h	8h	10h	20h	50h	100h
9.60V	A 84	46	24	10.3	8.0	6.6	4.7	4.2	2.27	0.94	0.48
	W 937	489	278	119	93	76	54	49	26.3	11.2	5.8
10.20V	A 82	44	22.6	10.0	7.8	6.5	4.6	4.1	2.21	0.91	0.47
	W 901	484	261	116	90	75	53	47	25.6	10.8	5.6
10.50V	A 78	42	22	9.8	7.7	6.4	4.5	4.0	2.18	0.90	0.46
	W 874	457	253	113	89	74	52	47	25.3	10.7	5.5
10.80V	A 73	41	21	9.5	7.6	6.2	4.4	3.9	2.16	0.88	0.46
	W 840	440	242	111	87	73	51	47	25.1	10.5	5.4
11.10V	A 67	38	20	9.2	7.3	6.1	4.3	3.80	2.05	0.86	0.44
	W 825	436	235	109	87	72	51	45	24.4	10.3	5.2