



SW121500E(12V150AH)



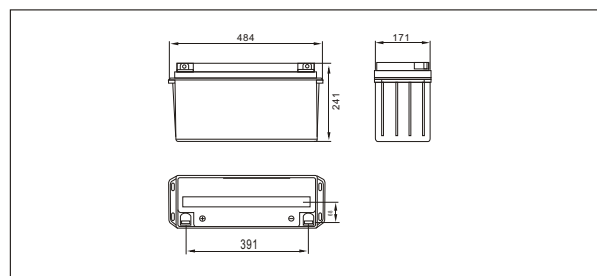
Specifications

Nominal Voltage		12V
Rated capacity (10 hour rate)		150 Ah
Dimensions	Total Height	241 mm (9.49inches)
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	Length	484 mm (19.1 inches)
	Width	171 mm (6.73 inches)
Weight Approx		45.5 Kg (100.6lbs)

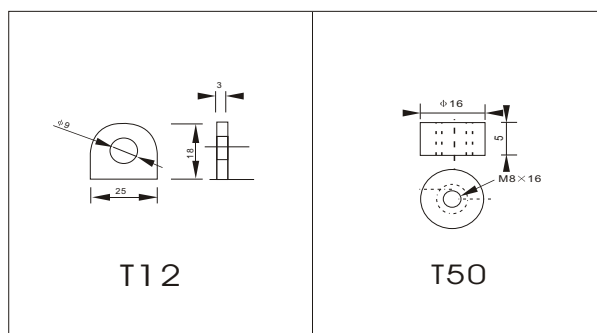
Characteristics

Capacity 25°C(77°F)	10 hour rate(15A)	150 AH
	5 hour rate(24A)	120AH
	1 hour rate(82.5A)	82.5 AH
1.5 hour discharge to 10.5V		60 A
Internal Resistance	Full charged Battery at 25°C(77°F) 4.6 mΩ	
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		T12、T50
Charge (constant Voltage)	Cycle	Initial Charging Current less than 37.5 A Voltage 14.10-14.40V
	Float	Voltage 13.50-13.80V

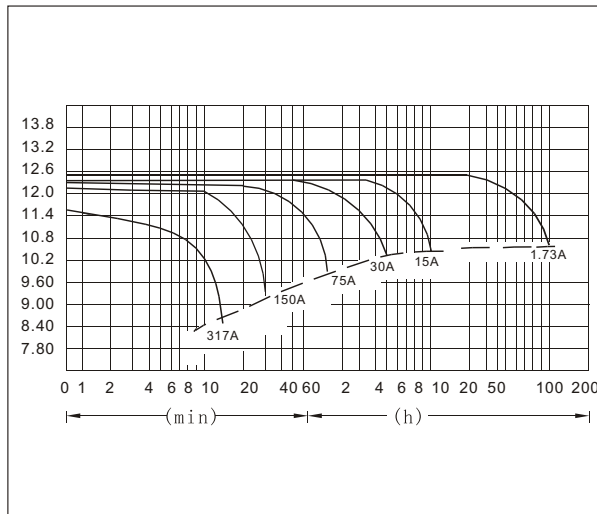
Outer dimensions (mm)



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	317	171	90	38.6	30.0	24.8	17.4	15.8	8.51	3.54	1.82
	W	3515	1832	1042	446	347	287	202	182	98.5	42.2	21.6
10.20V	A	308	167	84.6	37.5	29.3	24.3	17.1	15.4	8.30	3.42	1.77
	W	3380	1815	980	434	339	281	198	178	96.1	40.7	21.0
10.50V	A	294	158	82	36.6	28.8	24.0	17.0	15.0	8.19	3.36	1.73
	W	3276	1713	948	424	334	278	196	176	94.8	40.1	20.6
10.80V	A	275	153	79	35.7	28.4	23.4	16.5	14.6	8.10	3.30	1.71
	W	3149	1648	907	416	327	272	192	175	94.3	39.3	20.4
11.10V	A	252	141	75	34.5	27.5	22.8	16.1	14.25	7.70	3.24	1.65
	W	3095	1635	883	411	325	271	191	170	91.6	38.6	19.7