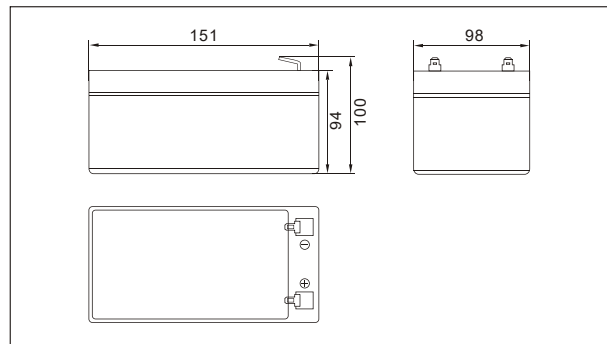


## Sealed Lead Acid Rechargeable Battery Product Specification

### SLAUMXNP14-12 (12V14AH)



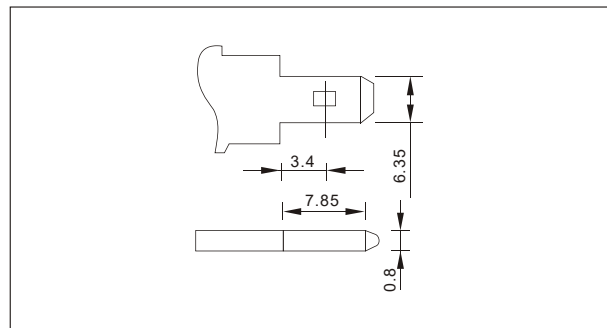
#### ● Outer dimensions (mm)



#### ● Specifications

Nominal Voltage		12V
Rated capacity (20 hour rate)		14Ah
Dimensions	Total Height	97.5mm
	Height	94 mm
	Length	151 mm
	Width	98 mm
Weight Approx		4.5 Kg

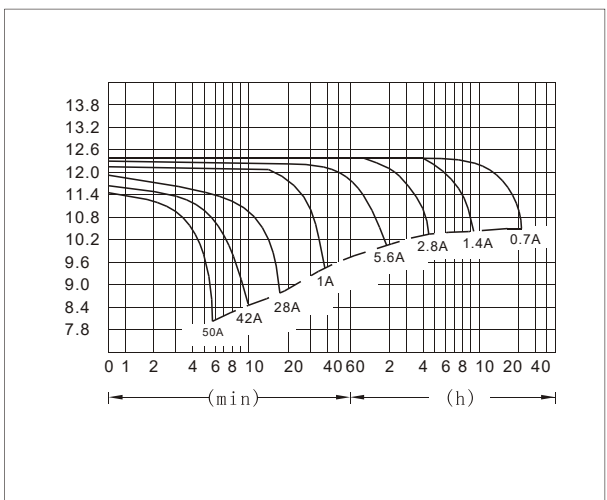
#### ● Terminal Type (mm)



#### ● Characteristics

Capacity 25°C(77°F)	20 hour rate(0.70A)	14 AH
	10 hour rate(1.28A)	12.8 AH
	5 hour rate(2.40A)	12.0 AH
	1 hour rate(8.40A)	8.40 AH
	1.5 hour discharge to 10.5V	5.6 A
Internal Resistance	Full charged Battery at 25°C(77°F)	12.5 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	T2	
Charge (constant Voltage)	Cycle	Initial Charging Current less than 5.60A Voltage 14.40-14.70V
	Float	Voltage 13.50-13.80V

#### ● 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	50.4	33.0	24.5	16.1	8.4	4.90	3.61	2.89	2.46	1.62	1.32	0.72
	W	523	355	263	173	91	53.8	40.1	32.6	27.9	18.6	15.3	8.4
10.20V	A	46.2	31.6	22.5	15.3	7.9	4.70	3.50	2.80	2.41	1.59	1.30	0.71
	W	496	354	252	172	89	54.2	40.5	32.6	28.1	18.6	15.3	8.3
10.50V	A	42.1	29.5	21.0	14.8	7.6	4.61	3.44	2.66	2.40	1.58	1.29	0.70
	W	462	336	240	170	88	53.4	40.1	31.2	27.9	18.6	15.2	8.3
10.80V	A	40.4	28.2	19.6	14.4	7.4	4.49	3.38	2.61	2.28	1.53	1.25	0.68
	W	453	326	226	167	86	52.6	39.9	30.9	26.9	18.2	14.9	8.1
11.10V	A	37.4	26.6	18.2	14.0	7.1	4.38	3.21	2.57	2.18	1.49	1.23	0.67
	W	424	308	212	164	83	51.7	38.1	30.6	26.0	17.9	14.8	8.1