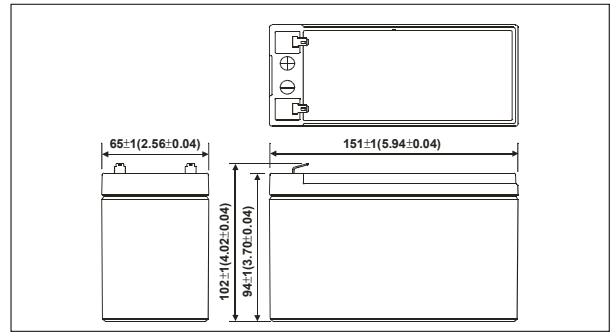


Sealed Lead Acid Rechargeable Battery Product Specification

SLAUMXNP9-12Y (12V9AH) UP TO 9 YEARS STAND BY



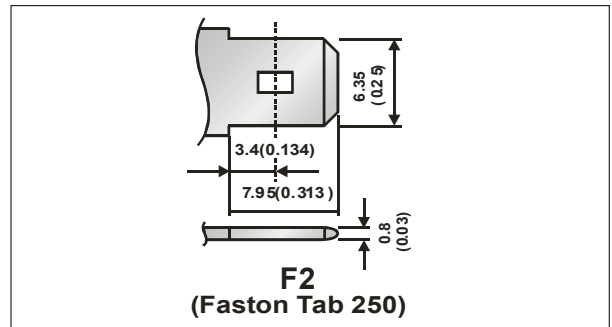
● Outer dimensions (mm)



● Specifications

Nominal Voltage	12V	
Rated capacity (20hour rate)	9.0 Ah	
Dimensions	Total Height	102mm (3.94 inches)
	Height	94mm (3.70 inches)
	Length	151mm (5.94 inches)
	Width	65mm (2.56 inches)
Weight Approx	2.7Kg (5.94lbs)	

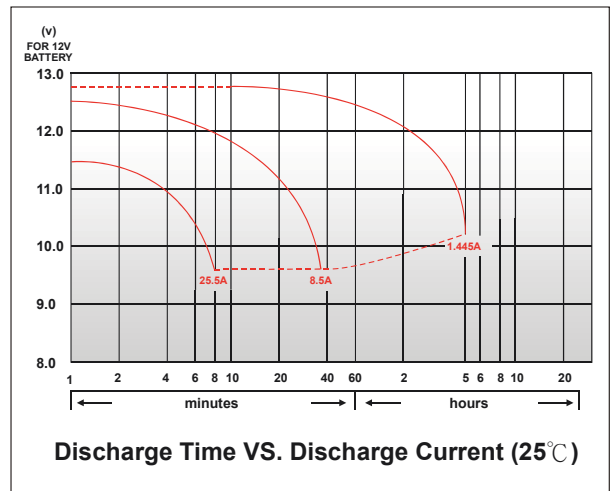
● Terminal Type (mm)



● Characteristics

Capacity 25°C(77°F)	20 hour rate(0.45 A)	9.00 AH
	10 hour rate(0.84A)	8.30AH
	5 hour rate(1.51A)	7.22 AH
	1 hour rate(5.27 A)	5.40 AH
Internal Resistance	Full charged Battery at 25°C(77°F)	14 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	90%
	Capacity after 6 month storage	80%
	Capacity after 12 month storage	60%
Terminal	F2	
Charge (constant Voltage)	Cycle	Initial Charging Current less than 2.55A Voltage 14.40-14.70V
	Float	Voltage 13.50-13.80V

● Discharge Curves 25 °C(77°F)



Case Material

ABS UL94 HB
Option: Flammability resistance of (UL94 V-0)

Design Life & Standard

Expected Trickle Design Life: 6-9 years at 20°C according to Eurobat.

- PERFORMANCE DATA Discharge Rates in Watts to Various End Voltages at 25°C(77°F)

Time	End Voltage	1.85V	1.80V	1.75V	1.70V	1.65V	1.60V
		5 min	55.8	59.7	64.1	67.1	70.4
10 min	35.8	38.3	41.1	43.1	45.2	47.3	
15 min	27.4	28.7	30.3	31.7	33.1	34.5	
30 min	15.7	16.4	17.3	18.2	19.0	19.8	
60 min	9.76	10.1	10.3	10.4	10.5	10.7	
120 min	5.15	5.32	5.44	5.50	5.56	5.67	
180 min	4.15	4.29	4.38	4.43	4.48	4.57	
240 min	3.33	3.44	3.52	3.56	3.60	3.65	
300 min	2.83	2.93	2.99	3.02	3.05	3.06	
600 min	1.59	1.64	1.68	1.69	1.70	1.71	
1200 min	0.836	0.865	0.884	0.893	0.903	0.910	

- Discharge Rates in Amperes to Various End Voltages at 25°C(77°F)

Time	End Voltage	1.85V	1.80V	1.75V	1.70V	1.65V	1.60V
		5 min	29.9	32.0	34.3	36.0	37.7
10 min	18.7	20.0	21.5	22.5	23.6	24.7	
15 min	14.0	14.6	15.5	16.2	16.9	17.6	
30 min	7.92	8.28	8.75	9.16	9.57	9.98	
60 min	4.90	5.07	5.18	5.24	5.27	5.29	
120 min	2.57	2.66	2.72	2.75	2.77	2.78	
180 min	2.06	2.13	2.18	2.21	2.22	2.23	
240 min	1.65	1.71	1.75	1.76	1.77	1.78	
300 min	1.40	1.45	1.48	1.50	1.51	1.52	
600 min	0.784	0.811	0.829	0.838	0.842	0.847	
1200 min	0.413	0.427	0.436	0.441	0.443	0.446	