

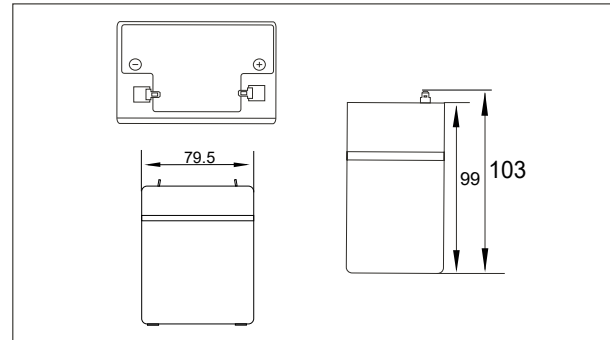
# ULTRA MAX®

## Sealed Lead Acid Rechargeable Battery Product Specification

### SLAUMXNP2.9-12 (12V 2.7AH)



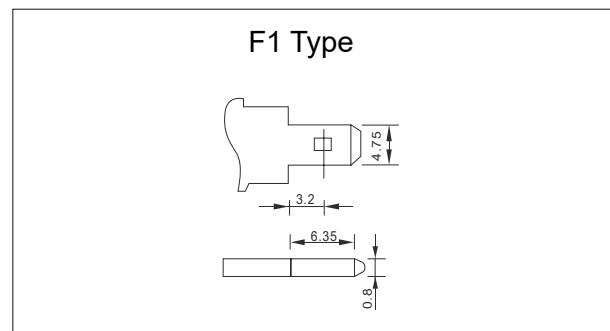
#### ● Outer dimensions (mm)



#### ● Specifications

Nominal Voltage		12V
Rated capacity (20 hour rate)		2.7 Ah
Dimensions	Total Height	103mm (4.06 inches)
	Height	99 mm (3.9 inches)
	Length	79.5mm (3.13 inches)
	Width	56mm (2.20 inches)
Weight Approx		1.05Kg (2.31lbs)

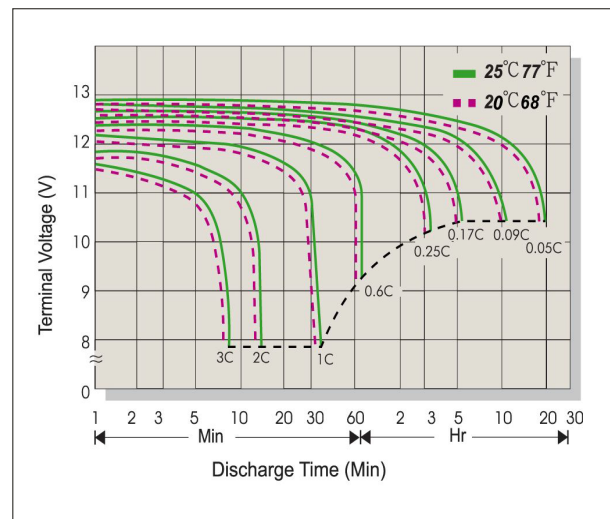
#### ● Terminal Type (mm)



#### ● Characteristics

Capacity 25°C(77°F)	20 hour rate (0.145 A)	2.70 AH
	10 hour rate (0.28 A)	2.65 AH
	5 hour rate (0.56 A)	2.60 AH
	1 hour rate (1.98 A)	1.74 AH
	1.5 hour discharge to 10.5V	1.08 A
Internal Resistance	Full charged Battery at 25°C (77°F)	65 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	94%
	Capacity after 6 month storage	88%
	Capacity after 12 month storage	76%
Terminal		F1
Charge (constant Voltage)	Cycle	Initial Charging Current max. 0.84A Voltage 14.40-15.00V
	Float	Voltage 13.60-13.80V

#### ● 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	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr	
9.60V	A	10.8	7.42	5.38	3.43	1.81	1.03	0.79	0.632	0.543	0.442	0.29	0.151
	W	21.05	14.47	10.49	6.68	3.52	2.02	1.54	1.23	1.06	0.86	0.57	0.29
10.20V	A	9.05	6.5	4.71	3.11	1.77	1.01	0.77	0.619	0.531	0.433	0.284	0.148
	W	17.65	12.68	9.19	6.07	3.45	1.98	1.51	1.21	1.04	0.84	0.55	0.29
10.50V	A	8.3	6.13	4.45	2.99	1.74	1	0.76	0.608	0.522	0.425	0.279	0.145
	W	16.19	11.96	8.67	5.84	3.39	1.94	1.48	1.19	1.02	0.83	0.54	0.28
10.80V	A	8.15	6.02	4.37	2.94	1.71	0.98	0.75	0.597	0.512	0.418	0.274	0.142
	W	15.89	11.74	8.51	5.73	3.33	1.91	1.46	1.16	1	0.81	0.53	0.28
11.10V	A	8	5.91	4.28	2.88	1.67	0.96	0.73	0.586	0.503	0.41	0.269	0.14
	W	15.6	11.52	8.35	5.62	3.26	1.87	1.43	1.14	0.98	0.8	0.52	0.27