

Sealed Gel Rechargeable Battery Product Specification

SLAUMXNPG17-12 (12V17AH)



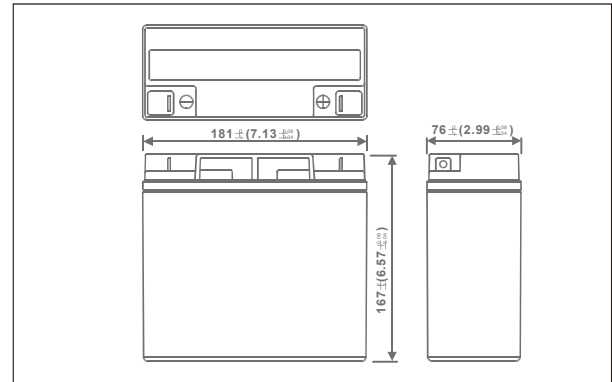
Specifications

Nominal Voltage		12V
Rated capacity (20 hour rate)		17Ah
Dimensions	Total Height	167 mm (6.57 inches)
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	Length	181 mm (7.13 inches)
	Width	76 mm (2.99 inches)
Weight Approx		6.28 Kg (13.8 lbs)

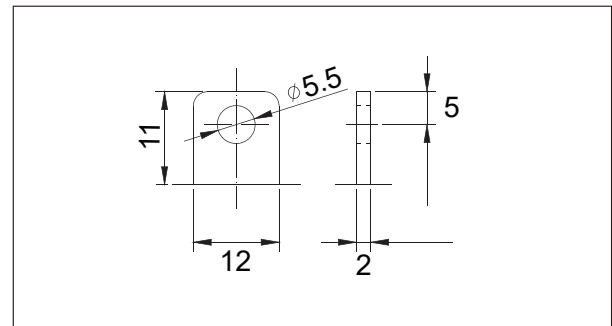
Characteristics

Capacity 25°C(77°F)	20 hour rate(17.0A)	17.0 AH
	10 hour rate(16.0A)	16.0AH
	5 hour rate(2.89A)	14.5AH
	1 hour rate(9.35A)	9.07AH
	1.5 hour discharge to 10.5V	6.80 A
Internal Resistance	Full charged Battery at 25°C(77°F)	10 mΩ
Capacity affected by Temperature (20 hour rate)	40°C(104°F)	102%
	25°C(77°F)	100%
	0°C(32°F)	85%
	-15°C(5°F)	70%
Self-Discharge at 25°C(77°F)	Capacity after 1 month storage	92%
	Capacity after 3 month storage	90%
	Capacity after 6 month storage	80%
Terminal		F3 (M5 Bolts)
Charge (constant Voltage)	Cycle	Maximum Charging Current 5.10 A Voltage 13.80-14.40V
	Float	Voltage 13.50-13.80V

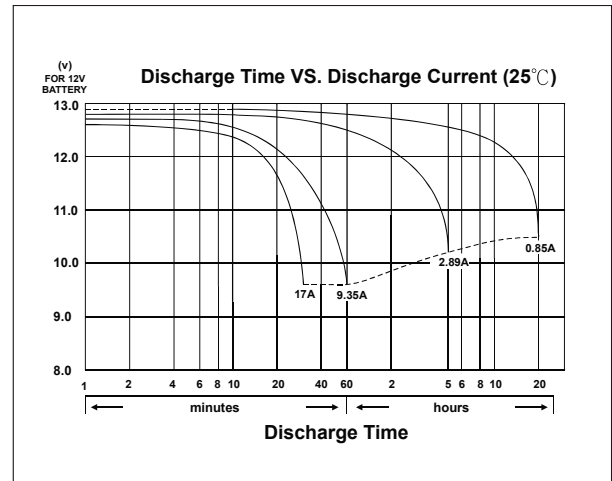
Outer dimensions (mm)



Terminal Type (mm)



Discharge Curves 25 °C(77 °F)



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

Time		5 Min	10 Min	15 Min	30 Min	1hr	2Hr	3Hr	4Hr	5Hr	10Hr	20Hr
9.60V	A	76.1	46.9	35.7	20.1	11.5	6.32	4.63	3.69	3.17	1.87	0.975
	W	771	521.4	420	222.6	133.2	76.2	56.22	44.82	38.46	22.92	11.94
10.20V	A	71.6	43.7	33.8	19	11	6.17	4.5	3.61	3.12	1.84	0.964
	W	738.6	501	406.8	215.4	129	73.8	54.84	43.68	37.62	22.44	11.64
10.50V	A	68.7	41.7	32.5	18.2	10.6	6.05	4.43	3.56	3.08	1.81	0.954
	W	700.8	476.4	391.2	206.4	124.8	71.4	53.64	42.78	37.02	22.08	11.46
10.80V	A	65.4	39.4	31	17.2	10.2	5.92	4.33	3.49	3.03	1.77	0.939
	W	637.8	436.2	366	192	120.6	70.2	52.32	41.7	36.36	21.54	11.16
11.10V	A	60.3	36.5	28.7	15.8	9.59	5.71	4.17	3.4	2.96	1.72	0.92
	W	543	381.6	328.2	179.4	114.6	66.6	50.28	39.96	34.98	20.88	10.8