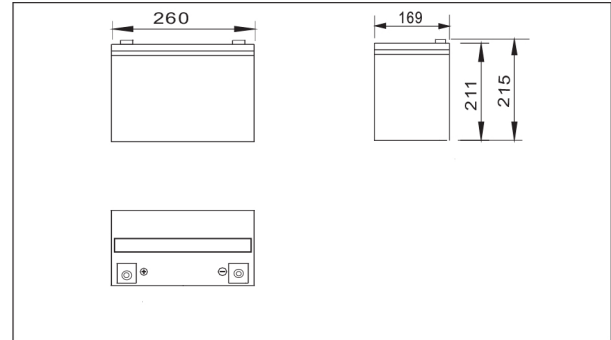


NPG12-70(12V70AH)



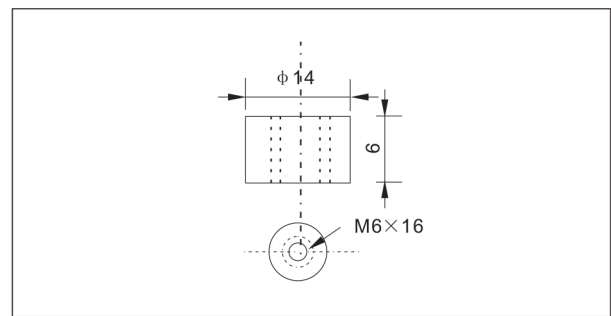
Outer dimensions (mm)



Specifications

Nominal Voltage		12V
Rated capacity (20 hour rate)		70 Ah
Dimensions	Total Height	215 mm (8.46 inches)
	Height	211 mm (8.30 inches)
	Length	260 mm (10.2 inches)
	Width	169 mm (6.65 inches)
Weight Approx		22.0 Kg (48.4lbs)

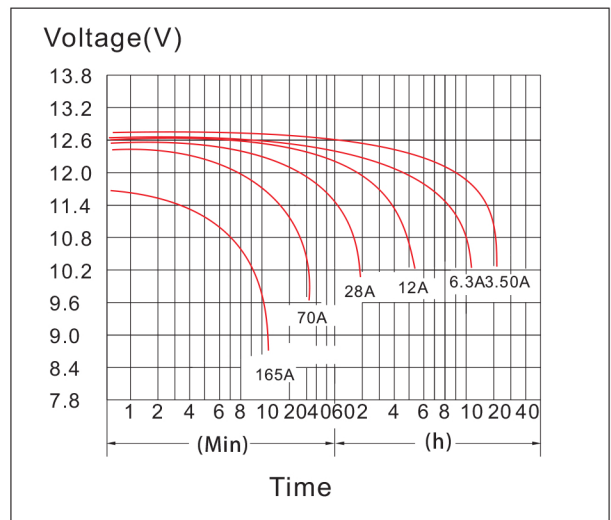
Terminal Type (mm)



Characteristics

Capacity 25°C(77°F)	20 hour rate(3.50A)	70 AH
	5 hour rate(12.0 A)	60 AH
	1 hour rate(42.0 A)	42 AH
	1.5 hour discharge to 10.5V	28 A
Internal Resistance	Full charged Battery at 25°C(77°F)	6.5 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		T16
Charge (constant Voltage)	Cycle	Initial Charging Current less than 28 A Voltage 14.10-14.40V Time 14~16h
	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	252	165	122.5	80.5	42.0	24.5	18.0	14.5	12.28	8.11	6.62	3.62
	W	2616	1774	1313	866	454	269	201	163	140	92.9	76.5	42.1
10.20V	A	231	158	112.6	76.4	39.4	23.5	17.5	14.0	12.05	7.96	6.50	3.53
	W	2481	1767	1260	858	446	271	203	163	140	93.2	76.4	41.4
10.50V	A	210	148	105.0	74.1	38.2	23.0	17.2	13.3	11.90	7.88	6.44	3.50
	W	2309	1680	1198	853	442	267	201	156	140	92.6	76.2	41.4
10.80V	A	202	141	98.0	72.0	36.9	22.5	16.9	13.1	11.38	7.67	6.27	3.41
	W	2267	1628	1129	835	429	263	199	154	134	90.9	74.5	40.6
11.10V	A	187	133	91.0	70.0	35.6	21.9	16.0	12.8	10.88	7.47	6.13	3.33
	W	2119	1540	1059	819	418	259	191	153	130	89.4	73.9	40.3