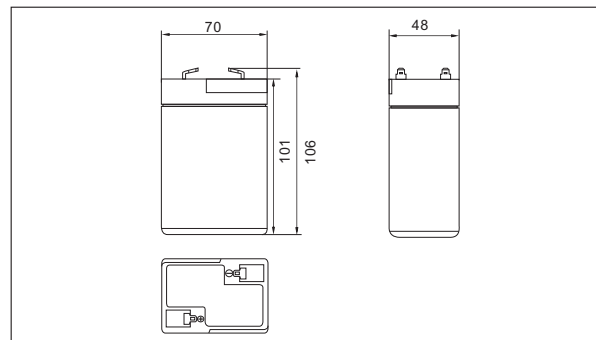


NP6-4(6V4.0AH)



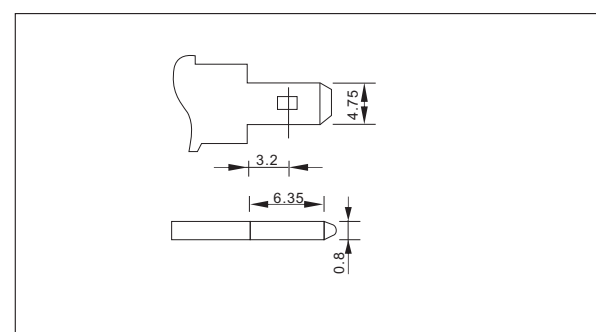
Outer dimensions (mm)



Specifications

Nominal Voltage	6 V	
Rated capacity (20 hour rate)	4.0 Ah	
Dimensions	Total Height	106mm(4.17 inches)
	Height	101mm(3.98 inches)
	Length	70mm(2.76 inches)
	Width	48mm(1.89 inches)
Weight Approx	0.69Kg(1.51lbs)	

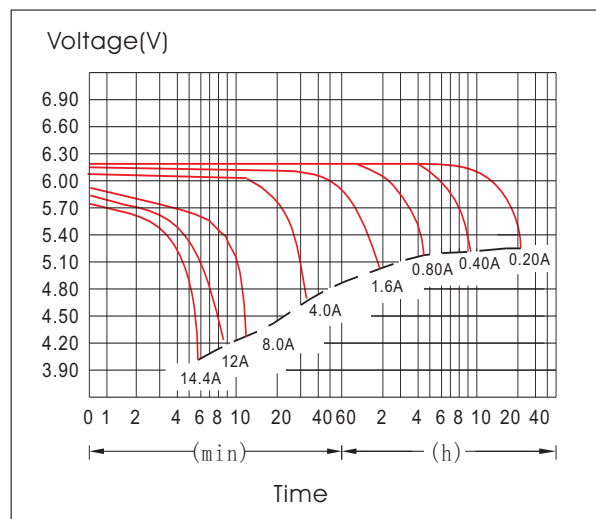
Terminal Type (mm)



Characteristics

Capacity 25°C(77°F)	20 hour rate(0.20A)	4.00 AH
	10 hour rate(0.37A)	3.70 AH
	5 hour rate(0.68A)	3.40 AH
	1 hour rate(2.40A)	2.40 AH
	1.5 hour discharge to 5.25 V	1.6 A
Internal Resistance	Full charged Battery at 25°C(77°F)	25 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	T1	
Charge (constant Voltage)	Cycle	Initial Charging Current less than 1.6A Voltage 7.20-7.50 V Time 14~16h
	Float	Voltage 6.75-6.90 V

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
4.80V	A	14.4	9.4	7.00	4.60	2.40	1.40	1.03	0.83	0.70	0.46	0.38	0.21
	W	74.7	50.7	37.5	24.7	13.0	7.69	5.73	4.65	3.99	2.65	2.18	1.20
5.10V	A	13.2	9.0	6.43	4.37	2.25	1.34	1.00	0.80	0.69	0.46	0.37	0.20
	W	70.9	50.5	36.0	24.5	12.7	7.74	5.79	4.65	4.01	2.66	2.18	1.18
5.25V	A	12.0	8.4	6.00	4.23	2.18	1.32	0.98	0.76	0.68	0.45	0.37	0.20
	W	66.0	48.0	34.2	24.4	12.6	7.64	5.73	4.45	3.99	2.65	2.18	1.18
5.40V	A	11.5	8.1	5.60	4.12	2.11	1.28	0.97	0.75	0.65	0.44	0.36	0.20
	W	64.8	46.5	32.3	23.8	12.3	7.52	5.70	4.41	3.84	2.60	2.13	1.16
5.55V	A	10.7	7.60	5.20	4.00	2.03	1.25	0.92	0.73	0.62	0.43	0.35	0.19
	W	60.6	44.0	30.3	23.4	12.0	7.39	5.45	4.37	3.71	2.55	2.11	1.15

NOTE: FOR REFERENCE ONLY