6-4.5 General Purpose Battery

Technical Specifications

Nominal Voltage	6V
Nominal Capacity	4.5AH(20HR)
Dimension	
Length	2.76inch(70mm)
Width	1.85inch(47mm)
Height	3.94inch(100mm)
Total Height /w Terminal	4.21inch(107mm)
Weight	Approx 1.65lb(0.75kg)
Standard terminal	Type A/G

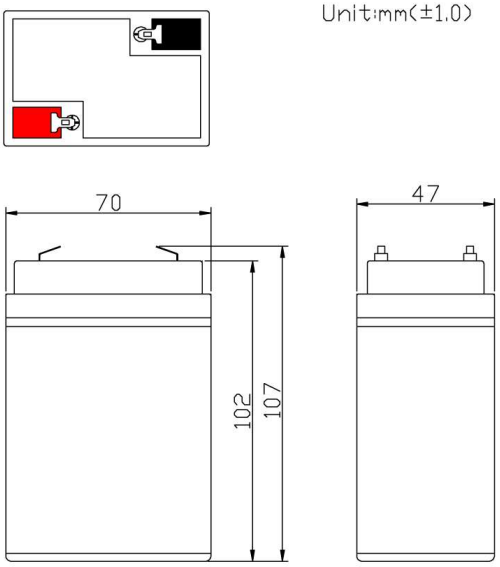
Capacity Specifications

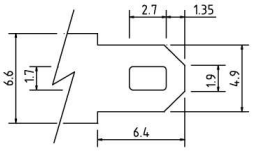
Cut Off Voltage		
1.75v/c@25°C	20Hr Rate(0.225A)	4.5AH
1.75v/c@25°C	10Hr Rate(0.42A)	4.2AH
1.75v/c@25°C	5Hr Rate(0.74A)	3.7AH
1.67v/c@25°C	1Hr Rate(2.80A)	2.8AH
1.67v/c@25°C	15Min Rate(7.8A)	1.95AH

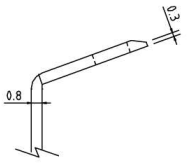
Charging Specifications

		Bloc
Charge Voltage*(constant)*	Float	6.75~6.90
	Cycle	7.25~7.35
Internal Resistance (Fully Charged Battery)		＜23mΩ
Discharge Current Amps *(5 seconds maximum)*		67.5
Max. Charge Current		1.35A
Self Discharge		6 Months@25°C

Unit:mm(±1.0)







Type A Terminal

Actual Current & Wattage Capacity at Various Discharges (Voltage @25℃)

Time (minutes) / Final Voltage		5	10	15	30	45	60	180	300	480	600	1200
4.80V	A	16.56	10.34	7.98	4.86	3.58	2.89	1.18	0.78	0.54	0.447	0.239
	W	83.79	53.63	41.82	25.89	19.36	15.73	6.63	4.47	3.10	2.599	1.488
5.01V	A	15.77	10.07	7.80	4.74	3.51	2.80	1.16	0.77	0.53	0.439	0.235
	W	80.37	52.12	40.79	25.40	19.00	15.44	6.54	4.42	3.06	2.573	1.471
5.10V	A	14.76	9.72	7.57	4.63	3.44	2.76	1.14	0.76	0.52	0.431	0.231
	W	76.27	50.40	39.56	24.82	18.62	15.15	6.43	4.35	3.01	2.534	1.448
5.25V	A	13.75	9.31	7.31	4.51	3.36	2.71	1.12	0.74	0.51	0.420	0.225
	W	72.09	48.61	38.28	24.21	18.17	14.85	6.30	4.26	2.95	2.482	1.419
5.40V	A	12.80	8.90	7.00	4.40	3.29	2.65	1.10	0.73	0.50	0.413	0.220
	W	66.59	46.28	36.97	23.51	17.66	14.51	6.17	4.16	2.89	2.428	1.387