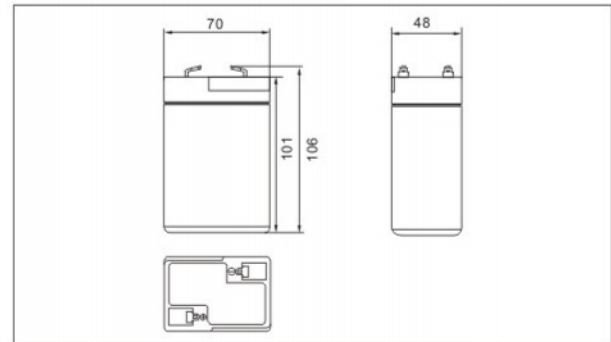


Valve Regulated [MF] Lead Acid Rechargeable Battery

AP 6V - 4.5AH



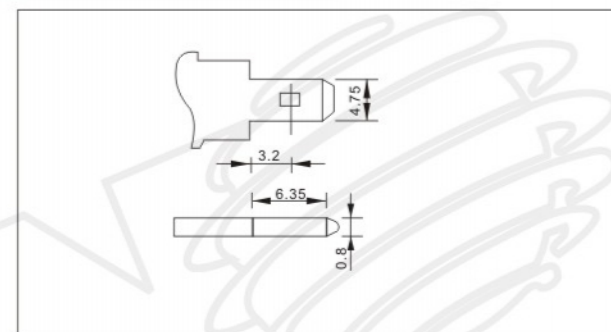
Outer dimensions (mm)



Specifications

Nominal Voltage		6 V
Rated capacity (20 hour rate)		4.5 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		0.71Kg(1.85 lbs)

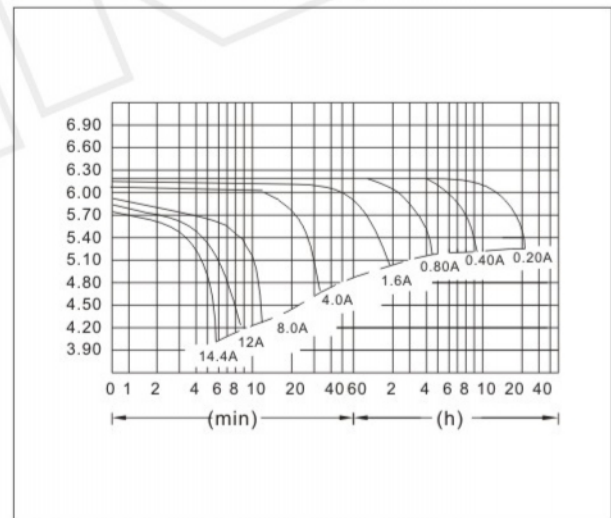
Terminal Type (mm)



Characteristics

Capacity 25°C(77°F)	20 hour rate (0.20A)	4.5 AH
	1.5 hour discharge to 5.25V	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 10~12h
	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