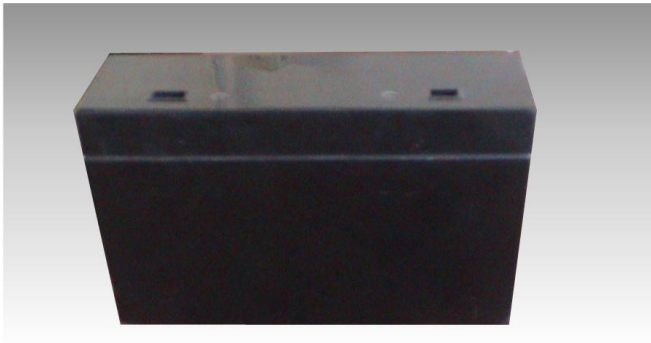
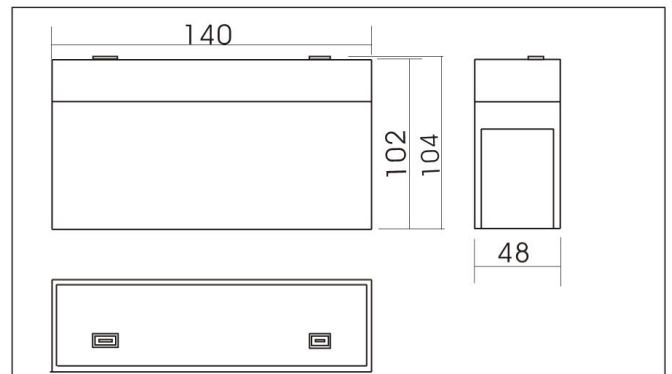


(12V5.0AH)



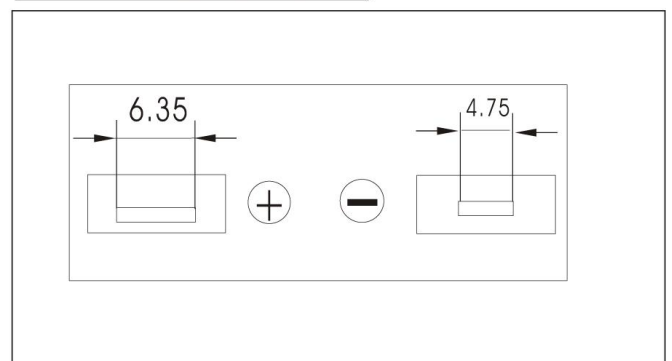
● Outer dimensions (mm)



● Specifications

Nominal Voltage		12V
Rated capacity (20 hour rate)		5.0Ah
Dimensions	Total Height	104mm (4.09inches)
	Height	102mm (4.02inches)
	Length	140mm (5.51inches)
	Width	48mm (1.89inches)
Weight Approx		1.68Kg (3.70lbs)

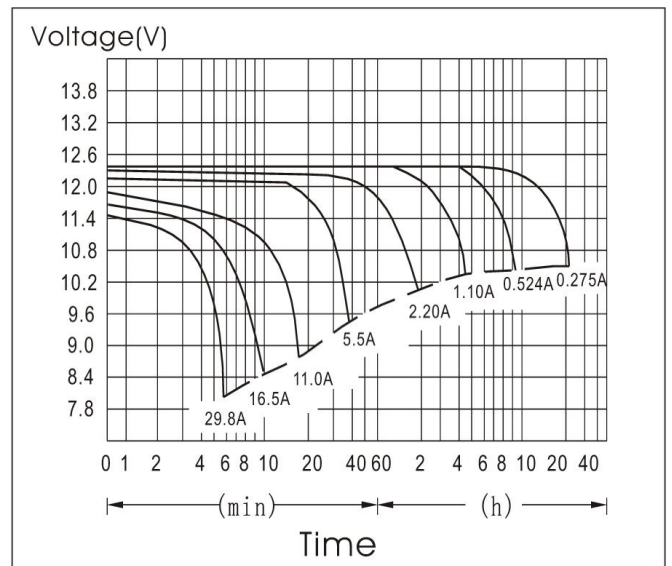
● Terminal Type (mm)



● Characteristics

Capacity 25°C(77°F)	20 hour rate(0.25A)	5.00AH
	10 hour rate(0.46A)	4.60AH
	5 hour rate(0.85A)	4.25AH
	1 hour rate(3.00A)	3.00AH
	1.5 hour discharge to 10.5V	2.0A
Internal Resistance	Full charged Battery at 25°C(77°F)	20mΩ
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、T2
Charge (constant Voltage)	Cycle	Initial Charging Current less than 2.20A Voltage 14.40-15.00V Time 10~12h
	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	18.0	11.8	8.8	5.75	3.00	1.75	1.29	1.03	0.88	0.58	0.47	0.26
	W	187	127	94	61.8	32.4	19.2	14.3	11.6	10.0	6.64	5.46	3.00
10.20V	A	16.5	11.3	8.0	5.46	2.82	1.68	1.25	1.00	0.86	0.57	0.46	0.25
	W	177	126	90	61.3	31.9	19.4	14.5	11.6	10.0	6.65	5.46	2.96
10.50V	A	15.0	10.6	7.5	5.29	2.73	1.65	1.23	0.95	0.85	0.56	0.46	0.25
	W	165	120	86	60.9	31.6	19.1	14.3	11.1	10.0	6.62	5.44	2.96
10.80V	A	14.4	10.1	7.00	5.15	2.63	1.60	1.21	0.93	0.81	0.55	0.45	0.24
	W	162	116	81	59.6	30.7	18.8	14.2	11.0	9.6	6.49	5.32	2.90
11.10V	A	13.4	9.5	6.50	5.00	2.54	1.56	1.15	0.92	0.78	0.53	0.44	0.24
	W	151	110	76	58.5	29.9	18.5	13.6	10.9	9.3	6.39	5.28	2.88