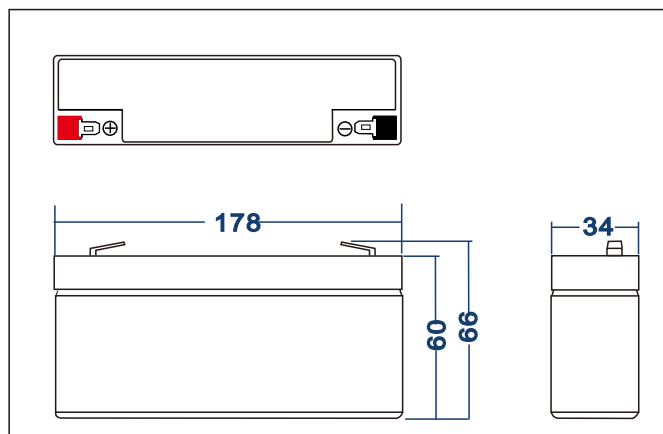




● Dimensions(mm)

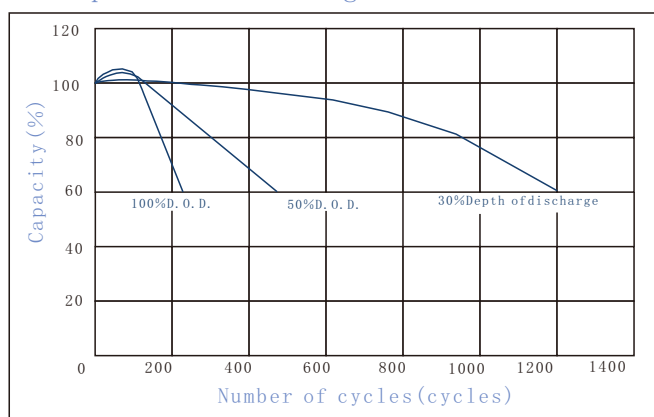


6-FM-2.3 12V2.3Ah

●Electrical Specification

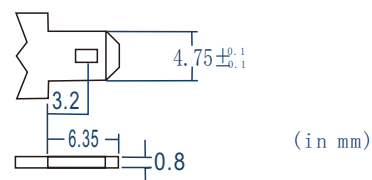
Capacity 25°C (77° F)	20hour rate(0.115A)	2.30Ah
	27min rate(2.3A)	1.035Ah
	7min rate(6.9A)	0.805Ah
Capacity Affected by Temperature (20hour rate)	40°C (104° F)	102%
	25°C (77° F)	100%
	0°C (32° F)	85%
	-15°C (5° F)	65%
Internal Resistance	full charged battery 77° F(25°C)	45mΩ
Self-Discharge at25°C(77° F)	Capacity after 3month storage	91%
	Capacity after 6month storage	82%
	Capacity after 12 month storage	64%
Charge (constant Voltage)	Cycle Initial Charging Current less than0.69A Voltage 14.40-14.90V	
	Float Voltage 13.50-13.80V	

● Cycle service life in relation to depth of discharge



● Terminal Type

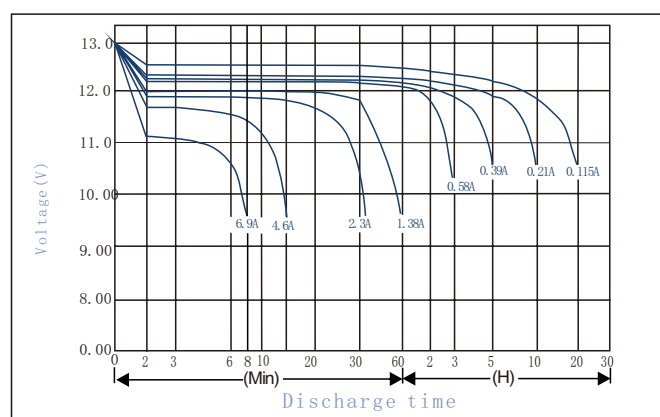
Standard Terminal
F1 (Fasten Tab No.175)



●Physical specification

Nominal Voltage		12V
Nominal Capacity(20HR)		2.3AH
Dimensions	Length	178±1mm(7.01 inches)
	Width	34±1mm(1.34inches)
	Container Height	60±2mm(2.36inches)
	Total height	66±2mm(2.60inches)
Weight		Approx 0.93kg(2.046 lbs)
Standard Terminal		F1

● Discharge Characteristics after fully charged(25°C, 77° F)

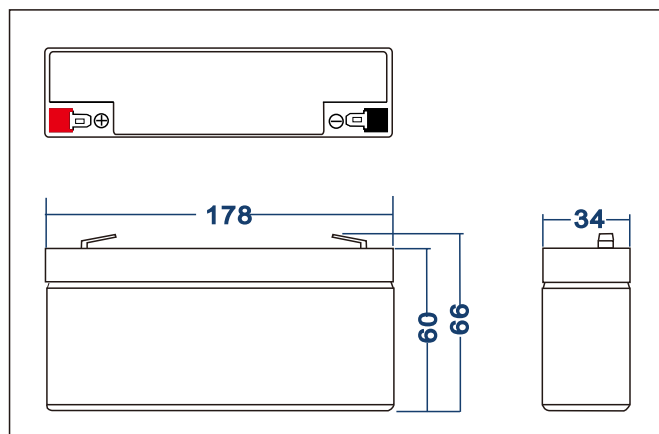


●Constant Current(Amp) and Constant Power (watt) Discharge Table at 25°C(77° F)

Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A 9.20	6.21	4.37	2.65	1.38	0.81	0.59	0.48	0.40	0.27	0.22	0.120
	W 97.7	65.9	4.64	28.1	15.9	9.30	6.85	5.50	4.67	3.08	2.52	1.38
10.20V	A 8.28	5.65	3.93	2.51	1.30	0.77	0.58	0.46	0.40	0.26	0.21	0.120
	W 91.9	62.7	43.6	27.9	15.0	8.90	6.66	5.33	4.58	3.03	2.47	1.34
10.50V	A 7.83	5.38	3.68	2.43	1.25	0.76	0.57	0.44	0.39	0.26	0.21	0.115
	W 88.7	61.0	41.7	27.6	14.5	8.80	6.55	5.06	4.55	3.00	2.45	1.33
10.80V	A 7.28	5.10	3.45	2.37	1.21	0.74	0.56	0.43	0.37	0.25	0.21	0.113
	W 84.7	59.2	40.2	27.5	14.1	8.60	6.47	5.00	4.35	2.88	2.40	1.30
11.10V	A 6.90	4.83	3.22	2.30	1.17	0.72	0.53	0.42	0.36	0.25	0.20	0.111
	W 82.1	57.4	38.2	27.3	13.9	8.50	6.28	4.98	4.26	2.78	2.35	1.29



● 产品尺寸 (mm)



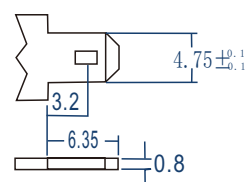
6-FM-2.3 12V2.3Ah

● 产品特性

容量 25°C (77° F)	20HR (率) 放电, 电流0.115A	2.3Ah
	27min (率) 放电, 电2.3A	1.035Ah
	7min (率) 放电, 电流6.9A	0.805Ah
电池容量与 温度的关系 (20HR)	温度	容量
	40°C (104° F)	102%
	25°C (77° F)	100%
	0°C (32° F)	85%
内阻	完全充电的电池 25°C (77° F)	45mΩ
自放电 25°C (77° F)	储存3个月的容量	91%
	储存6个月的容量	82%
	存储12个月的容量	64%
充电 (恒压)	循环充电方式	最大充电电流: 0.69A 电压设定: 14.40~14.90V
	浮充充电方式	电压设定: 13.50~13.80V

● 接线端子类型

标准端子F1 (175)

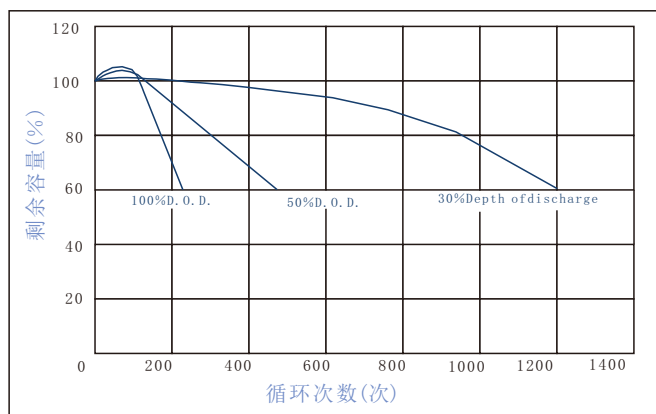


(单位 mm)

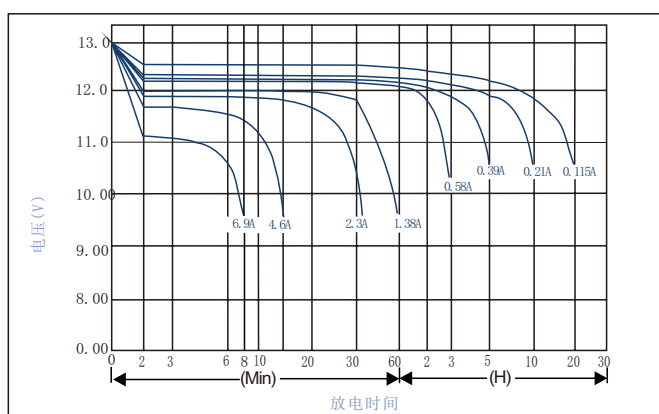
● 产品规格

额定电压		12V
额定容量(20HR)		2.3AH
产品尺寸	长	178±1mm(7.01 英寸)
	宽	34±1mm(1.34英寸)
	高	60±2mm(2.36 英寸)
	总高	66±2mm(2.60 英寸)
重量		约 0.93kg (2.046 磅)
标准接线端子		F1

● 循环使用寿命和放电深度的关系



● 放电特性25°C (77° F)



● 恒流(A)、恒功率(W) 放电数据表 25°C (77° F)

Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A 9.20	6.21	4.37	2.65	1.38	0.81	0.59	0.48	0.40	0.27	0.22	0.120
	W 97.7	65.9	4.64	28.1	15.9	9.30	6.85	5.50	4.67	3.08	2.52	1.38
10.20V	A 8.28	5.65	3.93	2.51	1.30	0.77	0.58	0.46	0.40	0.26	0.21	0.120
	W 91.9	62.7	43.6	27.9	15.0	8.90	6.66	5.33	4.58	3.03	2.47	1.34
10.50V	A 7.83	5.38	3.68	2.43	1.25	0.76	0.57	0.44	0.39	0.26	0.21	0.115
	W 88.7	61.0	41.7	27.6	14.5	8.80	6.55	5.06	4.55	3.00	2.45	1.33
10.80V	A 7.28	5.10	3.45	2.37	1.21	0.74	0.56	0.43	0.37	0.25	0.21	0.113
	W 84.7	59.2	40.2	27.5	14.1	8.60	6.47	5.00	4.35	2.88	2.40	1.30
11.10V	A 6.90	4.83	3.22	2.30	1.17	0.72	0.53	0.42	0.36	0.25	0.20	0.111
	W 82.1	57.4	38.2	27.3	13.9	8.50	6.28	4.98	4.26	2.78	2.35	1.29