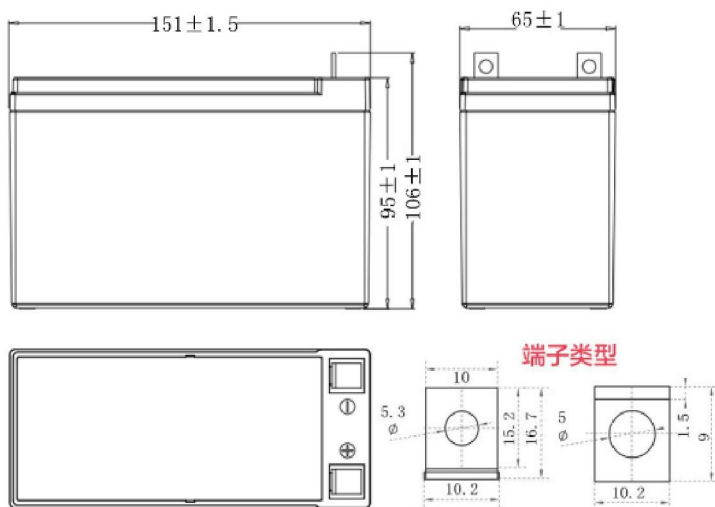


# SN12010 (12V10Ah)

## 铅酸蓄电池参数表



### 电池外形尺寸 (mm)



端子类型

### 电池标准

标称电压	12V	
标称容量 (20hr)	10Ah ± 10%	
外形尺寸	长	151 ± 1.5mm (5.94inch)
	宽	65 ± 1mm (2.55inch)
	高	95 ± 1mm (3.74inch)
	总高	106 ± 1mm (4.17inch)
重量	Approx. 2.25kg (4.96lbs)	
端子	T1/T2	
内阻	Approx. 15mΩ	
CCA冷电流	-18°C 冷藏72h, 85A持续放电30S后电压大于7.2V	
ACA电流	150A持续放电(3S循环8次, 间隔10S)后电压大于7.2V	
浮充期待寿命	3-5年	

### 电池特性

开路电压 (V)	≥ 12.95	
容量 (25°C)	10.0Ah	(20hr, 1.75V/cell, 25°C/77°F)
	8.8Ah	(10hr, 1.75V/cell, 25°C/77°F)
	6.6Ah	(3hr, 1.75V/cell, 25°C/77°F)
	5.5Ah	(1hr, 1.60V/cell, 25°C/77°F)
环境温度对容量的影响	40°C	103%
	25°C	100%
	0°C	86%
	-15°C	65%
自放电	3个月	Remaining capacity: 91%
	6个月	Remaining capacity: 82%
	12个月	Remaining capacity: 65%

### 恒功率参数 (25°C(77°F))

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.80V/cell	49.6	34.0	27.5	22.2	18.3	12.5	11.16	5.81	4.19	3.44	3.36	2.41	1.90	1.57	0.90
1.75V/cell	51.9	36.4	29.1	23.0	18.7	12.9	11.33	5.91	4.23	3.46	3.38	2.47	1.91	1.60	0.93
1.70V/cell	57.4	37.9	30.5	23.4	19.2	13.2	11.54	5.98	4.25	3.48	3.38	2.50	1.92	1.61	0.97
1.65V/cell	58.6	39.1	31.3	23.8	19.3	13.6	11.56	6.00	4.25	3.48	3.40	2.55	1.92	1.63	0.99
1.60V/cell	60.3	39.3	31.8	24.3	19.6	14.0	11.60	6.04	4.27	3.50	3.42	2.60	1.93	1.65	1.03

### 恒流参数 (25°C(77°F))

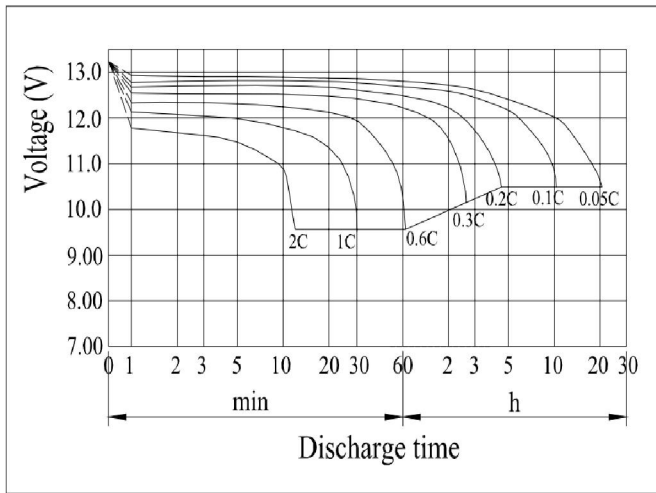
F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.80V/cell	26.0	17.0	13.9	11.55	9.05	6.05	4.90	2.83	2.18	1.76	1.39	1.26	1.00	0.81	0.48
1.75V/cell	28.1	18.4	14.7	12.00	9.29	6.27	5.14	2.94	2.23	1.81	1.48	1.28	1.02	0.83	0.48
1.70V/cell	30.1	19.9	15.4	12.44	9.53	6.52	5.30	3.01	2.28	1.84	1.52	1.31	1.03	0.85	0.49
1.65V/cell	32.2	21.4	16.1	13.2	9.76	6.69	5.42	3.05	2.38	1.92	1.56	1.34	1.05	0.87	0.50
1.60V/cell	34.3	22.9	16.9	14.1	10.00	6.97	5.48	3.19	2.45	1.97	1.62	1.37	1.06	0.88	0.50

# SN12010 (12V10Ah)

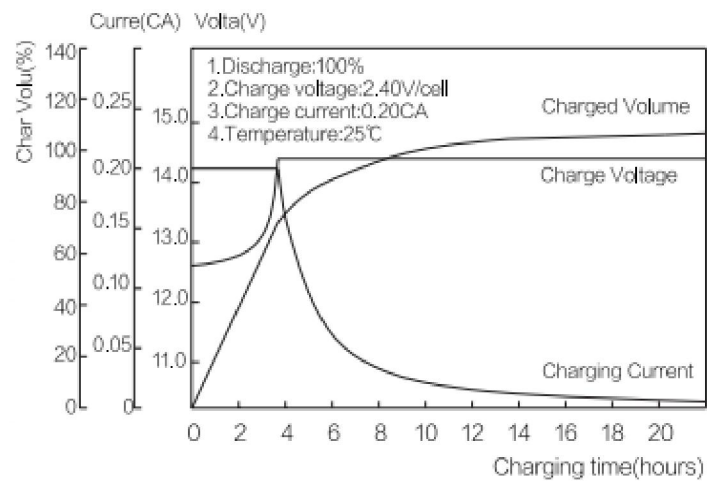
## 铅酸蓄电池参数表



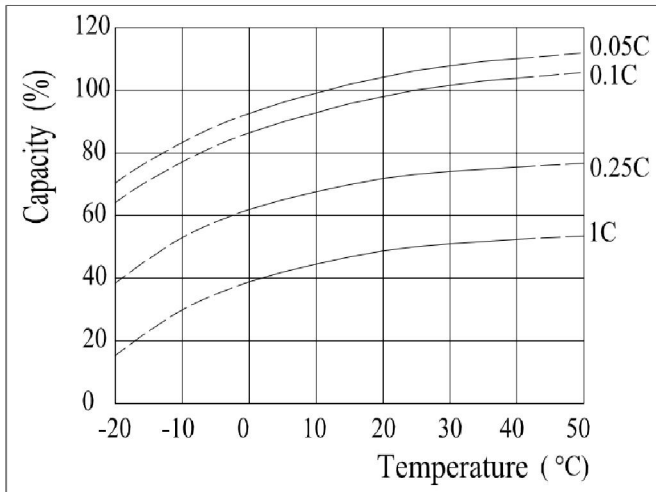
放电特性表



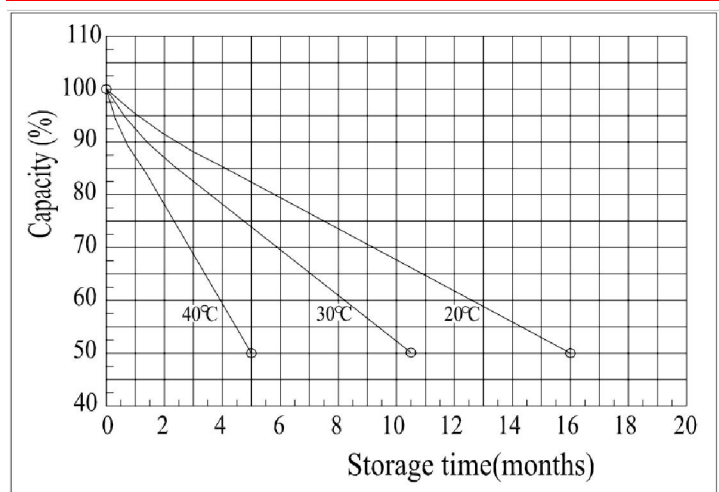
充电特性图



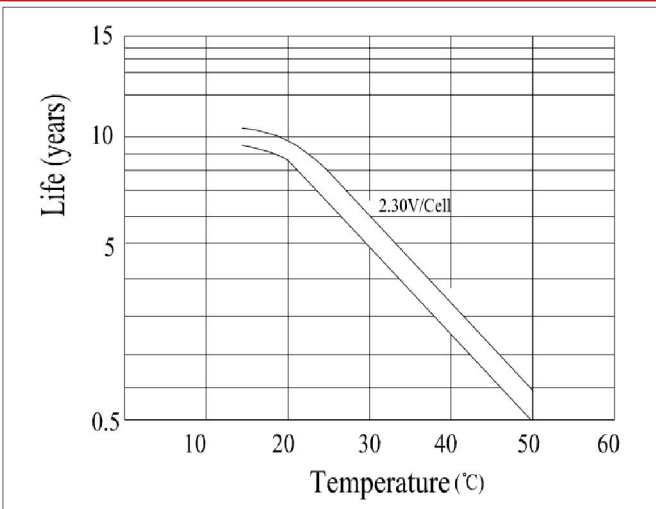
温度对容量的影响



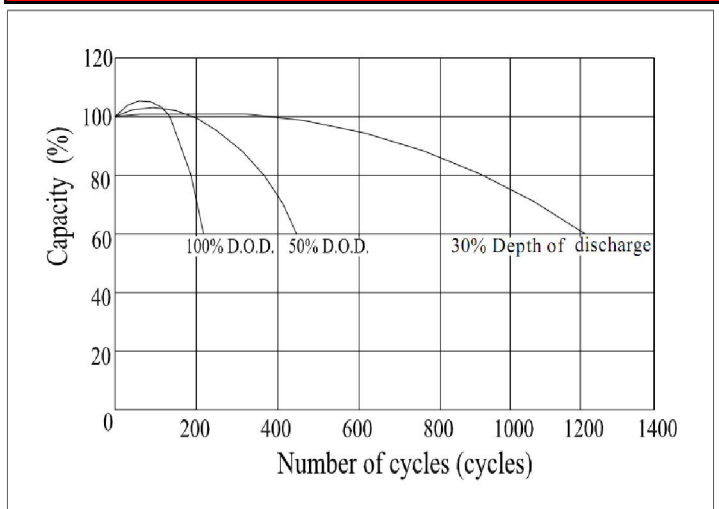
恒流参数 ( 25°C (77°F) )



温度与浮充寿命关系



深度放电与循环寿命



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