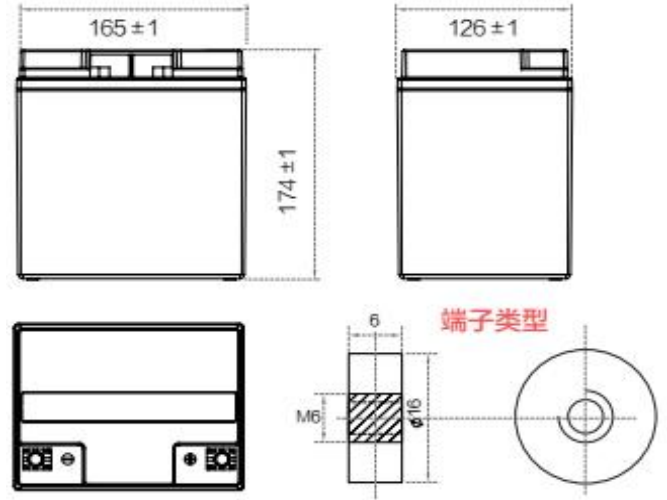


SN12024 12V 24AH

铅酸蓄电池参数表



电池外形尺寸 (±2mm)



电池标准

标称电压	12V	
标称容量 (20hr)	24AH	
外形尺寸	长	165±1mm(6.5inch)
	宽	126±1mm(4.96inch)
	高	174±1mm(6.85inch)
	总高	174±1mm(6.85inch)
重量	Approx.6.9±3%kg(15.21lbs)	
端子	M6嵌入式铜芯端子	
内阻	Approx.12±15% Ω	
最大放电电流	360A(5S)	
浮充期待寿命	3~5年 (20-25℃)	

电池特性

容量(25℃)	24.0Ah	(20hr, 1.70V/cell, 25℃/77°F)
	21.0Ah	(10hr, 1.75V/cell, 25℃/77°F)
	19.0Ah	(3hr, 1.70V/cell, 25℃/77°F)
	14.0Ah	(1hr, 1.60V/cell, 25℃/77°F)
环境温度对容量的影响	40℃	103%
	25℃	100%
	0℃	86%
	-15℃	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℃(77°F))

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	116.4	78.0	57.2	56.03	40.77	31.83	24.64	12.67	10.03	8.11	6.45	5.63	4.51	3.67	2.35
1.80V/cell	124.1	88.0	64.8	57.79	42.97	32.71	25.23	13.58	10.28	8.30	6.75	5.75	4.76	3.75	2.36
1.75V/cell	138.6	95.9	69.5	59.40	44.44	33.15	25.67	14.30	10.50	8.42	6.86	5.84	4.83	3.80	2.38
1.70V/cell	145.6	103.4	74.7	62.48	45.47	33.73	26.25	14.81	10.66	8.48	6.92	5.91	4.89	3.81	2.39
1.65V/cell	148.3	106.2	76.3	63.65	46.05	34.03	26.55	15.11	10.77	8.54	6.97	5.95	4.96	3.86	2.40
1.60V/cell	151.9	108.4	76.7	64.68	46.49	34.32	26.84	15.25	10.82	8.59	7.03	5.98	5.00	3.87	2.40

恒流参数 (25℃(77°F))

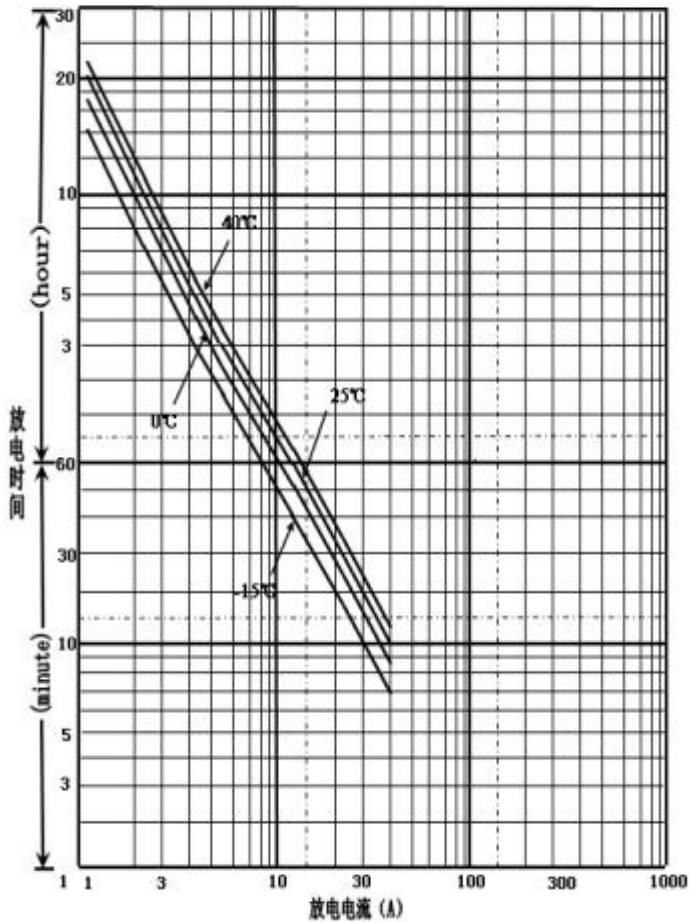
F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	66.4	47.3	34.8	28.42	22.17	12.60	10.64	6.76	5.54	4.31	3.73	2.83	2.27	1.98	1.08
1.80V/cell	68.1	48.6	35.5	28.50	22.35	14.66	11.88	6.93	5.58	4.40	3.77	3.04	2.41	1.99	1.10
1.75V/cell	70.1	49.1	35.9	29.03	22.52	15.20	12.46	7.11	5.63	4.49	3.80	3.10	2.45	2.01	1.10
1.70V/cell	71.8	50.1	36.6	29.56	22.87	15.80	12.84	7.28	5.72	4.57	3.84	3.17	2.48	2.03	1.10
1.65V/cell	72.8	50.8	38.4	31.32	23.19	16.19	13.11	7.46	5.81	4.57	3.87	3.26	2.53	2.05	1.10
1.60V/cell	74.1	54.4	40.1	33.43	23.75	16.89	13.27	7.64	5.98	4.75	3.91	3.31	2.55	2.07	1.11

以上参数仅供参考，偏差范围±5%。

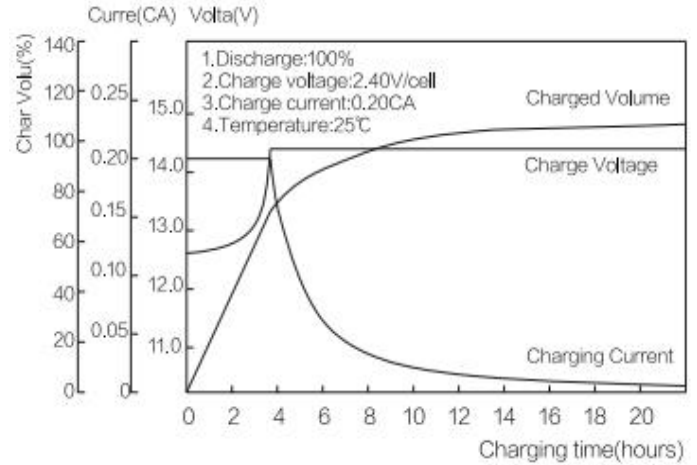
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铅酸蓄电池参数表

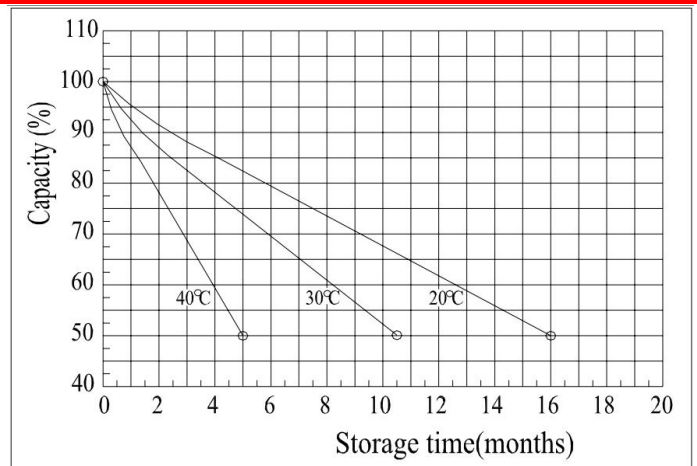
放电特性



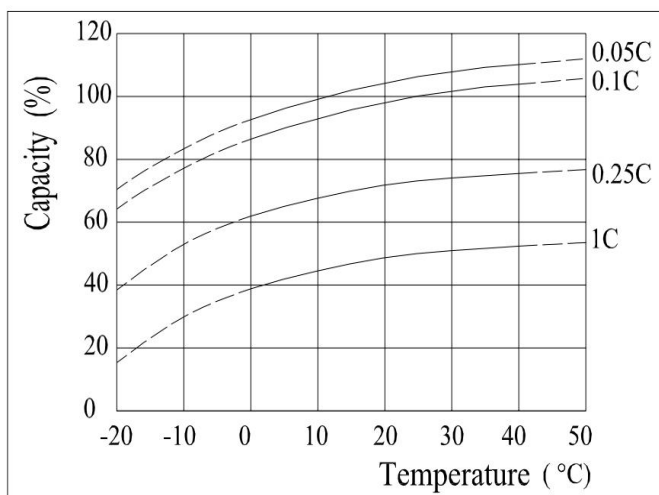
充电特性



自放电特性 (25°C (77°F))



温度对容量的影响



深度放电与循环寿命

