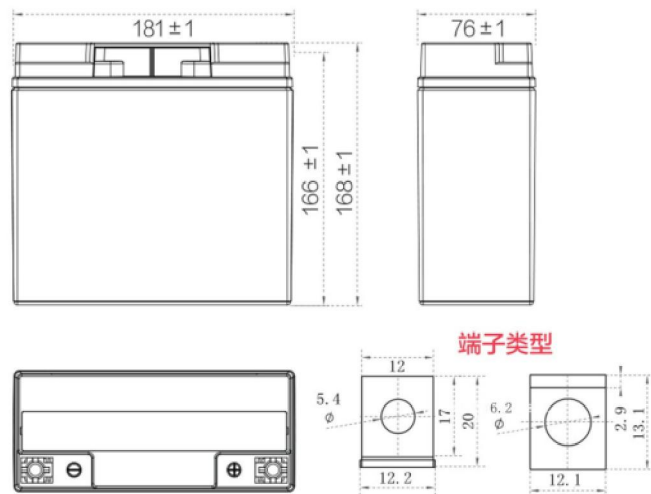


SN12018 (12V18Ah)

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)	18Ah±10%	
外形尺寸	长	181±1mm(7.12inch)
	宽	76±1mm(2.99inch)
	高	166±1mm(6.53inch)
	总高	168±1mm(6.61inch)
重量	Approx.4.9kg(10.80lbs)	
端子	铜片直端子	
内阻	Approx.13mΩ	
CCA冷电流	-18℃冷藏72h, 100A持续放电30S后电压大于7.2V	
ACA电流	200A持续放电(3S循环10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℃)	18.0Ah	(20hr, 1.75V/cell, 25℃/77°F)
	16.0Ah	(10hr, 1.75V/cell, 25℃/77°F)
	13.5Ah	(3hr, 1.75V/cell, 25℃/77°F)
	9.90Ah	(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
1.80V/cell	89.3	61.2	49.5	39.9	32.9	22.4	20.1	10.5	7.55	6.19	6.04	4.33	3.43	2.83	1.63
1.75V/cell	93.4	65.6	52.4	41.4	33.7	23.2	20.4	10.6	7.62	6.23	6.08	4.44	3.44	2.87	1.68
1.70V/cell	103.3	68.1	55.0	42.1	34.5	23.8	20.8	10.8	7.66	6.26	6.08	4.51	3.45	2.91	1.75
1.65V/cell	105.5	70.3	56.4	42.9	34.7	24.5	20.8	10.8	7.66	6.26	6.12	4.59	3.45	2.93	1.78
1.60V/cell	108.5	70.8	57.2	43.7	35.3	25.2	20.9	10.9	7.69	6.30	6.15	4.68	3.48	2.96	1.85

恒流参数 (25℃(77°F))

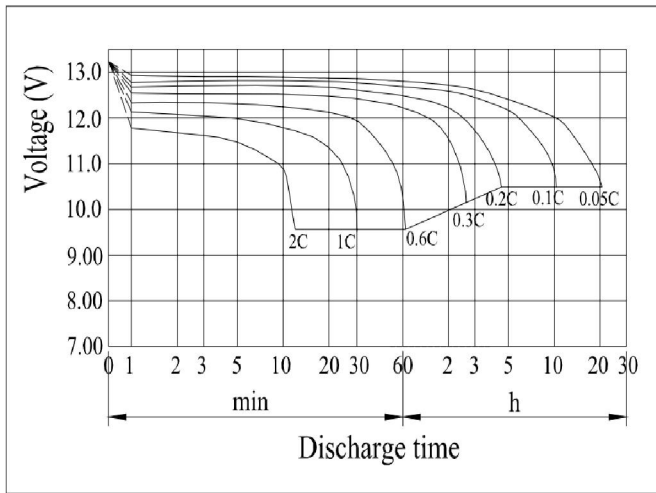
F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.80V/cell	46.9	30.6	25.1	20.9	16.3	10.9	8.85	5.10	3.93	3.17	2.52	2.27	1.80	1.46	0.86
1.75V/cell	50.7	33.3	26.5	21.7	16.8	11.3	9.28	5.30	4.02	3.26	2.67	2.31	1.83	1.50	0.87
1.70V/cell	54.4	36.0	27.8	22.5	17.2	11.8	9.57	5.44	4.11	3.33	2.74	2.36	1.86	1.53	0.89
1.65V/cell	58.2	38.6	29.1	23.8	17.6	12.1	9.77	5.51	4.29	3.46	2.81	2.43	1.89	1.56	0.90
1.60V/cell	61.9	41.3	30.5	25.4	18.0	12.6	9.89	5.75	4.43	3.55	2.92	2.47	1.91	1.58	0.90

SN12018 (12V18Ah)

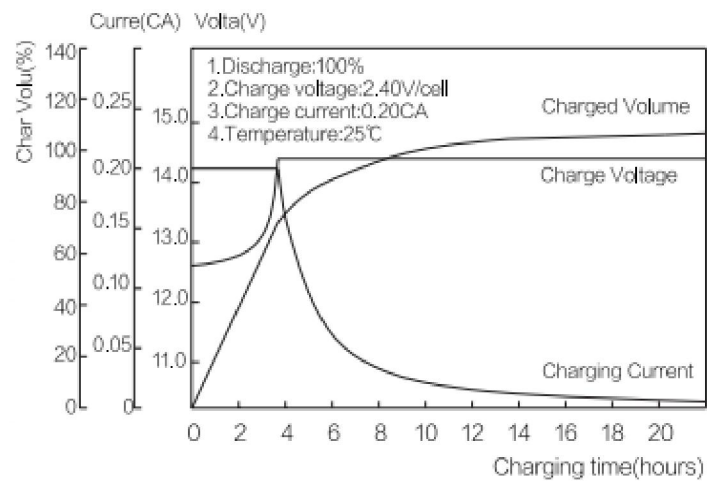
铅酸蓄电池参数表



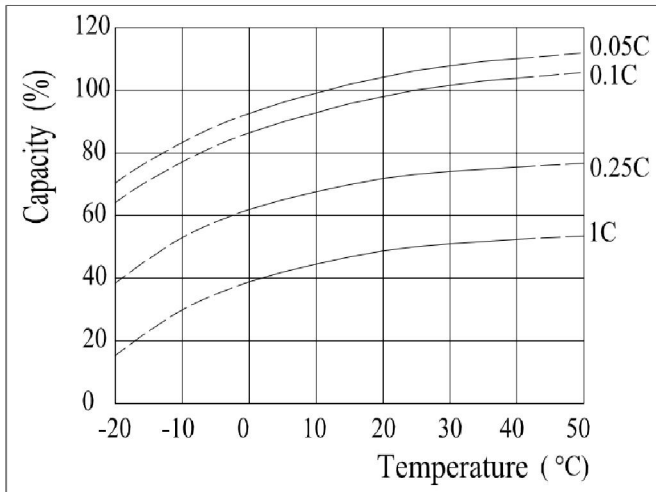
放电特性表



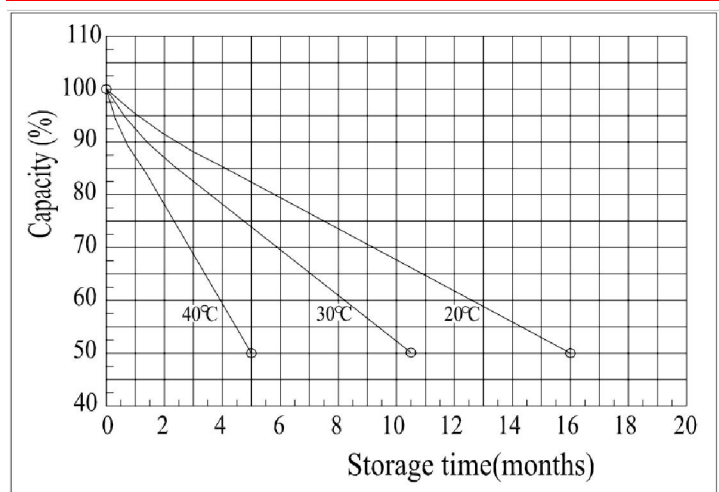
充电特性图



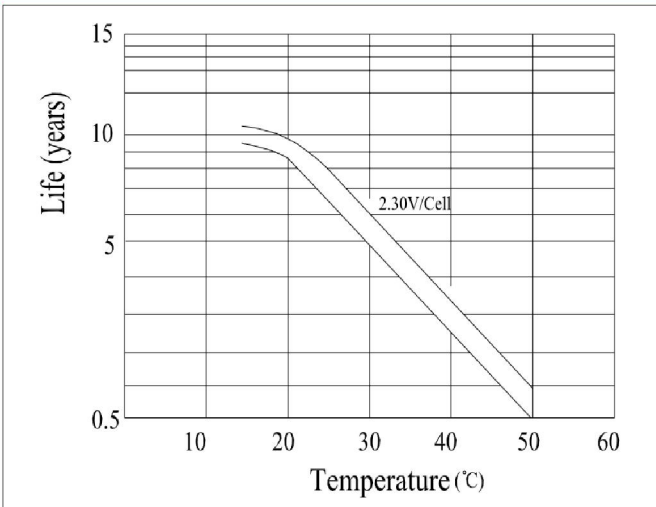
温度对容量的影响



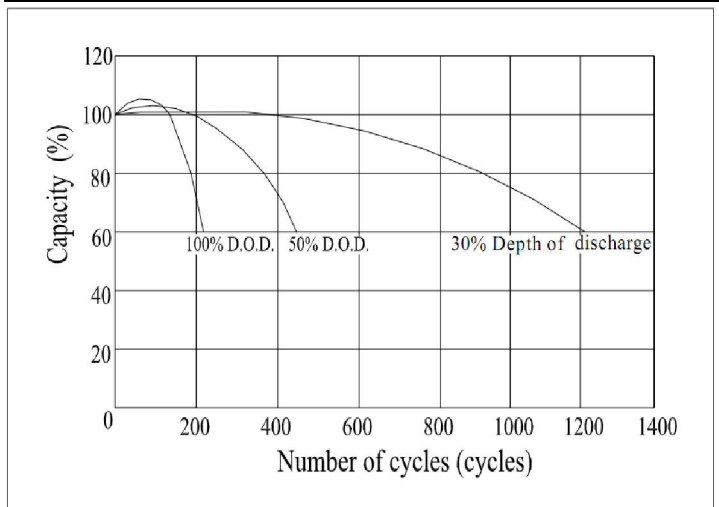
恒流参数 (25°C (77°F))



温度与浮充寿命关系



深度放电与循环寿命



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