

6GFM120-12 12V120AH

阀控式铅酸免维护蓄电池

产品规格

额定电压	12V
额定容量	120AH
尺寸:	长 407±3mm (16.0英尺) 宽 173±2mm (6.81英尺) 高 208±2mm (8.18英尺) 总高度 (连端头) 233±2mm (9.17英尺)
重量	约: 32.0公斤 (70.55lbs)
端子	T11
壳体材质	ABS
额定容量	124.8AH/6.24A (20hr, 1.80/cell, 25°C/77°F) 120.0AH/12.0A (10hr, 1.80/cell, 25°C/77°F) 103.2AH/20.64A (5hr, 1.75/cell, 25°C/77°F) 93.6AH/31.2A (3hr, 1.75/cell, 25°C/77°F) 73.2AH/73.2A (1hr, 1.60/cell, 25°C/77°F)
输入电流最大值	1300A (5s)
内阻	约4.0mΩ
操作温度范围	放电: -15-50°C (5-122°F) 充电: 0-40°C (32-104°F) 贮存: -15-40°C (32-104°F)
额定工作温度范围	25±3°C (77±5°F)
循环使用	初始电流小于36.0A, 电压14.4V-15.0V, 温度系数 25 (77°F) -20mV/°C
浮充使用	无初始充电电流限制。电压13.5V-13.8V, 温度系数25°C (77°F) -20mV/°C
不同温度下容量	40°C (104°F) 103% 25°C (77°F) 100% 0°C (32°F) 86%
自放电	电池能在常温下贮存6个月, 长时间贮存后需 对电池从新充电。高温条件, 电池贮存时间会 缩短。

25°C (77°F) 下恒流放电 (安培):

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cel	205.4	161.5	137.3	114.9	91.3	69.1	56.6	36	28.5	23.3	18.8	16.3	13.3	11.3	6.18
1.80V/cel	275.7	206.3	165.9	135.8	107.7	80.4	63.4	39.3	30.7	24.8	20.1	17.5	14.1	12	6.24
1.75V/cel	310.8	226.7	181.2	146.1	111.8	83.4	66.3	40.8	31.2	25.4	20.6	18	14.3	12.1	6.3
1.70V/cel	342.3	247.1	193.5	153.5	116.4	86.7	68.4	42.4	32.1	26.1	21.2	18.4	14.5	12.2	6.42
1.65V/cel	377.4	266.7	205.7	163.1	122.8	88.9	70.7	43.6	33.5	27	21.8	18.8	14.7	12.5	6.5
1.60V/cel	416.3	289.5	220	173.7	129.6	92.6	73.2	45.1	34.5	27.8	22.5	19.2	14.9	12.6	6.54

25°C (77°F) 下恒功率放电 (瓦):

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cel	375.5	298.3	256.2	216.5	174	132.8	109.1	70	55.5	45.5	36.8	32.1	26.2	22.4	12.2
1.80V/cel	498.7	376.6	305.4	252.2	202.2	153.2	121.6	75.9	59.4	48.3	39.3	34.3	27.7	23.7	12.3
1.75V/cel	550.3	407.2	329.5	268.7	208.1	157.5	126.6	78.4	60.3	49.2	40.2	35.1	28.1	23.9	12.4
1.70V/cel	589.2	433.8	346.9	280.2	215.4	163.2	130.2	81.3	61.9	50.4	41.1	35.8	28.5	24.1	12.7
1.65V/cel	640.5	463.8	366	295.5	25.4	165.8	133.6	83.1	64.2	52	42.1	36.5	28.8	24.6	12.8
1.60V/cel	690.1	492.1	385	311.3	236.3	171.8	137.6	85.5	65.9	53.4	43.4	37.2	29.1	24.8	12.9

注: 以上数据是经3次充/放电循环得到的平均值并非最小值



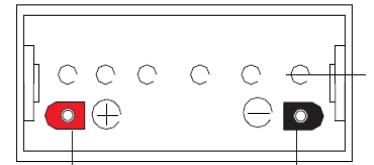
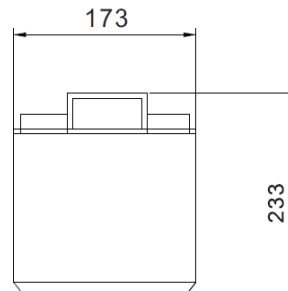
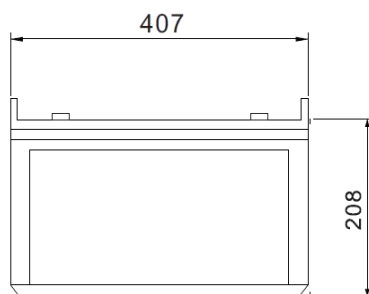
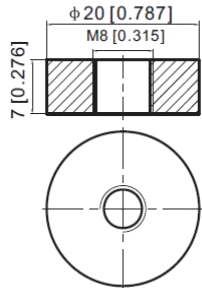
6GFM120-12 12V120AH

阀控式铅酸免维护蓄电池

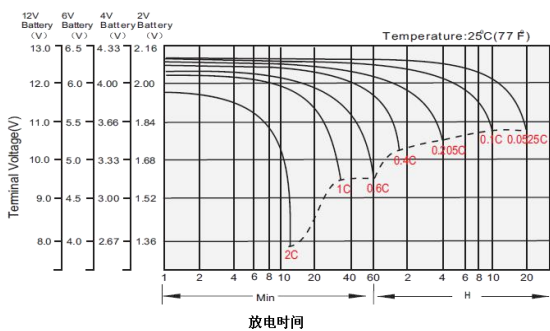
尺寸

端子

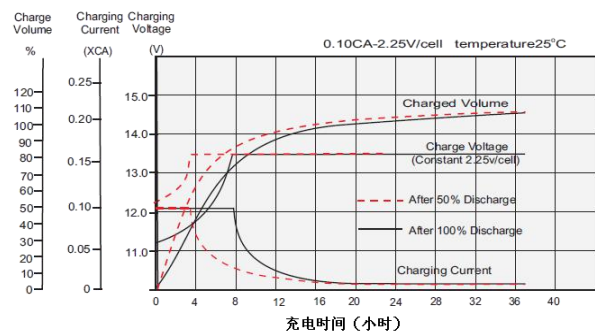
单位: 毫米 (英尺)



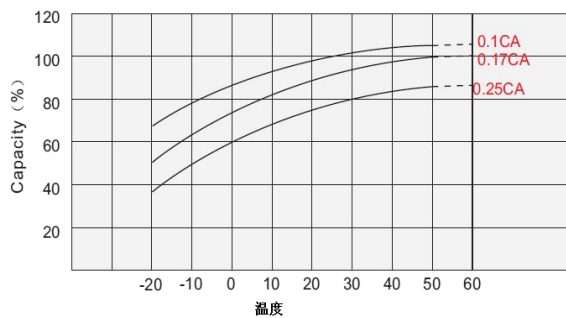
放电性能



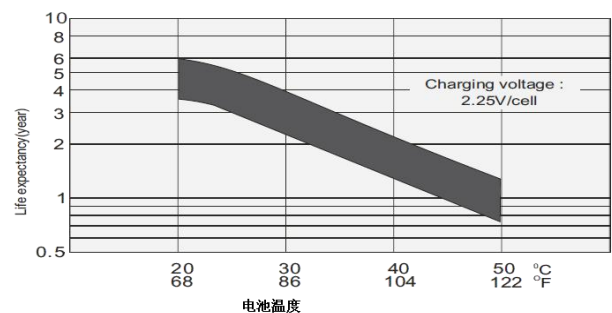
浮充性能



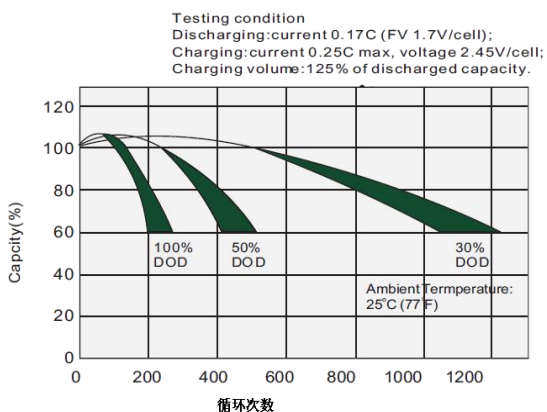
不同温度下电池容量表现



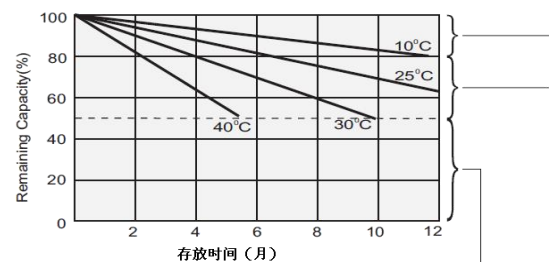
不同温度下的浮充寿命



循环寿命



自放电性能



Supplementary charge may often fail to recover the capacity. The battery should never be left standing till this is reached.

Supplementary charge required before use. Optional charging way as below:
1.Charged for above 3 days at limited current 0.25CA and constant voltage 2.25V/cell.
2.Charged for above 20 hours at limited current 0.25CA and constant voltage 2.45V/cell.
3.Charged for 8-10 hours at limited current 0.05CA.

No supplementary charge required
(Carry out supplementary charge before use if 100% capacity is required.)

以上信息仅供参考，如有变更恕不另行通知，欲了解最新信息，请联系创宣力公司。