

特点

- 低气体释放 99%，附加再结合
- 出色的深度放电恢复性能
- 防渗漏 – 密封型电池
- ABS 树脂外壳，符合 UL94-HB 标准
- 道路运输符合 UN2800（电池、湿式、不易渗漏）
- 空中运输符合特殊规定“A67”、“IATA”和“ICAO”。（电池、湿式、不易渗漏）

RS PRO 电池 12V、4Ah

RS 库存号： 537-5539



RS 认证产品为您提供所有产品类别的专业品质部件。我们的产品系列经过工程师测试、提供与杰出品牌相当的质量、而无需支付高昂的价格。

商品描述属性 1

RS PRO 铅酸电池适用于多个行业。它们是密封的，用途广泛，是定期充电/放电任务的理想选择。这些电池是长寿命可充电电池。

一般规格

技术	AGM
设计用于循环应用	否
eurobat 分类	3 至 5 年
容器材料	(UL94 -HB) 标准
应用	备用和浮动应用程序

电气规格

容量	65Ah
额定电压	12V
Terminal	T6
每个单元的单元格数	6V
单位电压	12V
最大值) 以上放电电流	60A (5 秒)
最大值) 以上充电电流限制	19.5A
浮动充电电压	13.5vdc 至 13.8vdd/ 单元平均为 25 °c.
内部电阻	7.3m Ω
均衡和循环服务	14.4vdc 至 15.0vdd/ 单元平均为 25 °c.
自放电	电池可在 25°C 时存放 6 个月以上。自放电率在 25°C 时每月不到 3% 。请在使用前为电池充电。

机械规格

尺寸	348mm x 167mm x 178mm
高度	348mm
长度	167mm
宽度	178mm
重量	19.2kg

操作环境规格

工作温度范围:	放电: -15°C 至 50°C 充电: 0°C 至 40°C 存储温度: -15°C 至 40°C
额定工作温度范围	25 ±3°C (77 ±5°F)

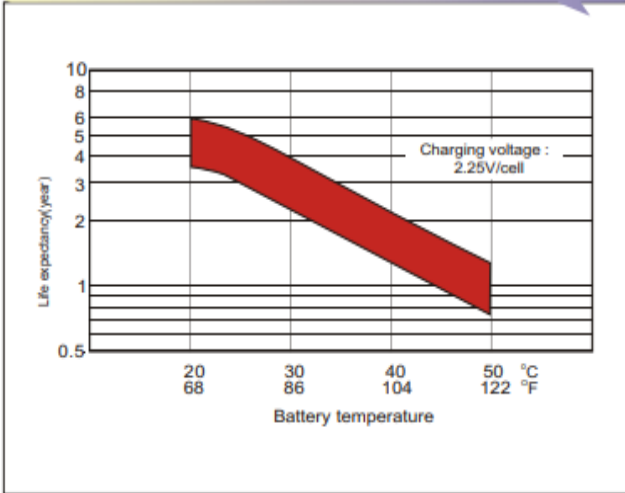
认证

合规性 / 认证	UL94-HB
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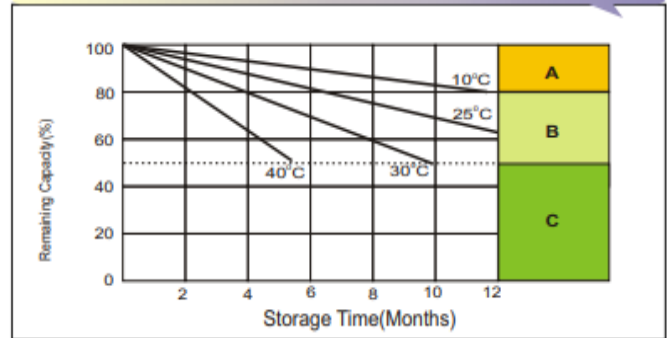
Available Capacity Subject to Temperature

Battery Type		-20°C	-10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
AGM Battery	6V&12V	46%	66%	76%	83%	90%	98%	100%	103%	107%	109%

Effect of Temperature on Long Term Float Life

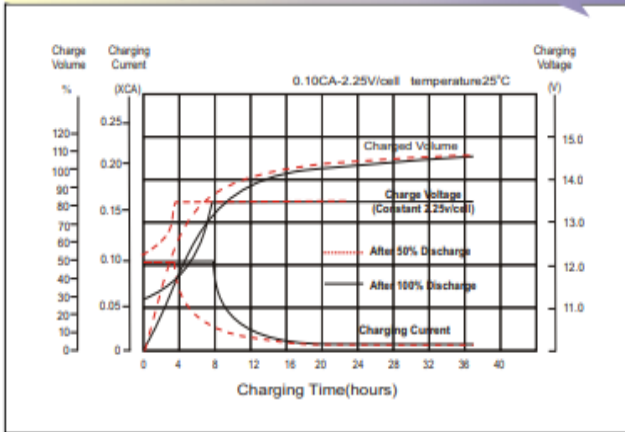


Self Discharge Characteristics

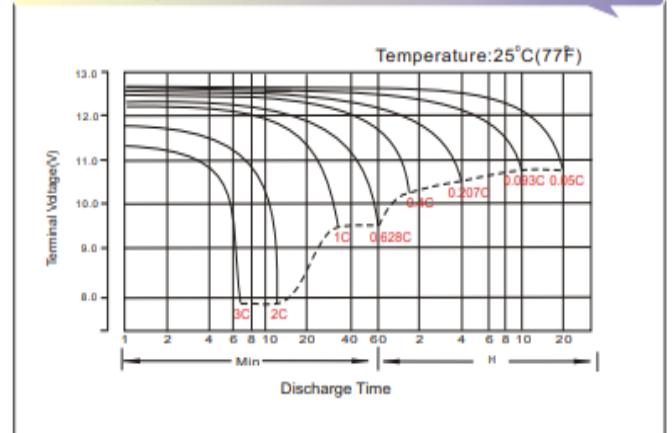


- A** No supplementary charge required
(Carry out supplementary charge before use if 100% capacity is required.)
- B** Supplementary charge required before use. Optional charging way as below:
1. Charged for above 3 days at limited current 0.25CA and constant voltage 2.25V/cell.
2. Charged for above 20 hours at limited current 0.25CA and constant voltage 2.45V/cell.
3. Charged for 8-10 hours at limited current 0.05CA.
- C** Avoid this storage period unless regular Top charge.
Supplementary charge may often fail to recover the full capacity

Float Charging Characteristics



Discharge Characteristics



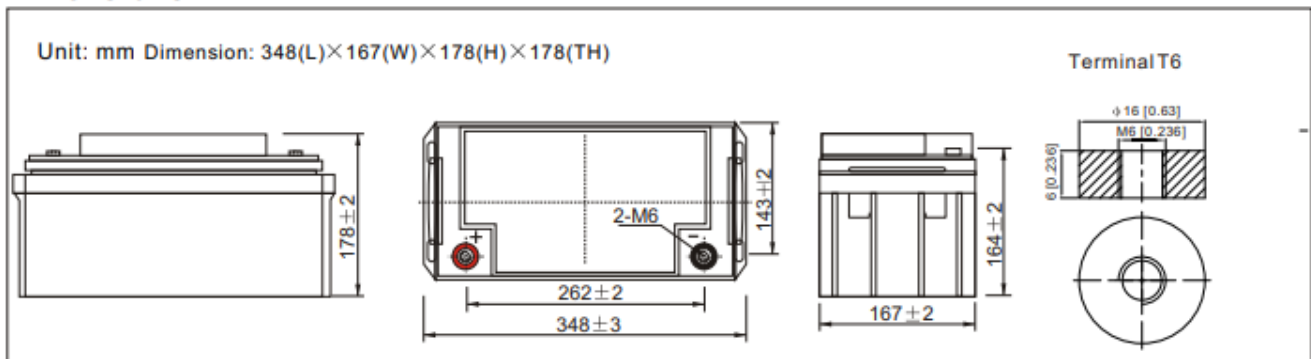
Constant Current Discharge Characteristics : A (25°C) **Amps**

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	114.0	87.6	75.5	65.6	50.8	37.8	30.6	18.5	14.2	11.78	10.04	8.79	7.11	5.98	3.20
1.80V/cell	142.7	102.5	85.9	73.8	55.7	40.8	32.7	19.7	14.9	12.34	10.47	9.16	7.40	6.21	3.25
1.75V/cell	160.9	111.8	93.8	79.0	58.7	42.8	34.2	20.4	15.3	12.65	10.72	9.35	7.51	6.27	3.29
1.70V/cell	177.1	120.7	100.1	82.9	61.4	44.3	35.6	21.1	15.8	12.96	10.97	9.53	7.62	6.33	3.32
1.65V/cell	193.8	130.0	105.1	86.1	63.3	45.8	36.6	21.6	16.2	13.23	11.18	9.70	7.73	6.40	3.37
1.60V/cell	210.1	138.2	109.3	89.4	65.0	47.4	37.5	22.1	16.6	13.49	11.38	9.84	7.83	6.48	3.38

Constant Power Discharge Characteristics : W (25°C) **Watts**

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	208.5	161.7	140.9	123.6	96.8	72.7	59.1	35.9	27.7	23.0	19.7	17.28	14.04	11.83	6.34
1.80V/cell	258.1	187.0	158.1	137.0	104.6	77.9	62.8	37.9	29.0	24.0	20.4	17.93	14.56	12.27	6.43
1.75V/cell	284.8	200.8	170.5	145.3	109.3	80.9	65.3	39.3	29.6	24.5	20.9	18.24	14.74	12.38	6.50
1.70V/cell	304.9	211.9	179.5	151.4	113.6	83.4	67.7	40.4	30.4	25.1	21.3	18.58	14.94	12.49	6.56
1.65V/cell	328.8	226.2	186.9	156.0	116.3	85.4	69.1	41.2	31.1	25.5	21.6	18.84	15.13	12.61	6.64
1.60V/cell	348.4	235.0	191.2	160.3	118.4	87.9	70.5	41.9	31.6	25.9	21.9	19.07	15.30	12.74	6.66

Dimensions



Discharge Current VS. Discharge Voltage

Final Discharge Voltage V/cell	1.80V	1.75V	1.60V
Discharge Current (A)	(A) ≤0.2C	0.2C < (A) < 1.0C	(A) ≥1.0C

Charge the batteries at least once every six months, if they are stored at 25°C.

Charging Method:

Constant Voltage	-0.2Cx2h+2.4~2.45V/Cellx24h,Max. Current 0.3CA
Constant Current	0.1C until the voltage reaching 14.4V,then 0.1Cx4h