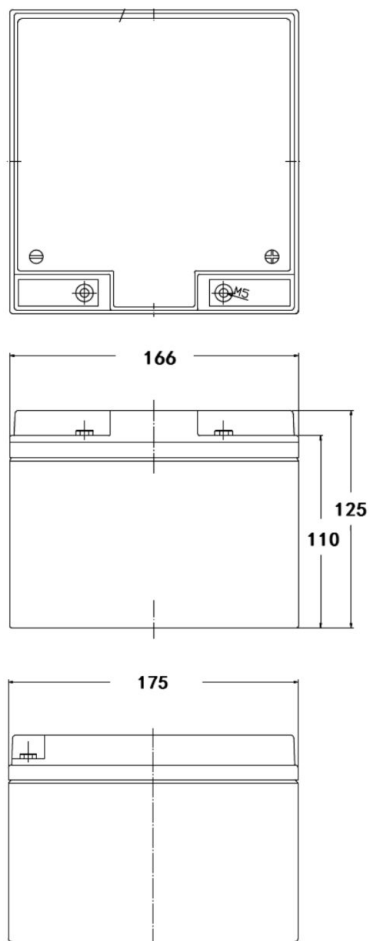


产品特点 Product Features

- 电池内部无游离酸，气体复合效率高，使用安全性高。
- 特殊板栅合金，合适的电解液比重，充分保证寿命。
- 极板采用双面涂膏技术，确保电池性能一致优越。
- 汤浅经典设计，使用广泛，用户认可度极高。
- No free acid inside battery, high efficient gas recombination, high operation safety.
- Special alloy of grid, adequate specific gravity of electrolyte secures the battery life.
- Two-sided plating technology, more advantage battery function.
- Classic design, extensive application, high recognition of users.



外形尺寸 Dimension (mm)

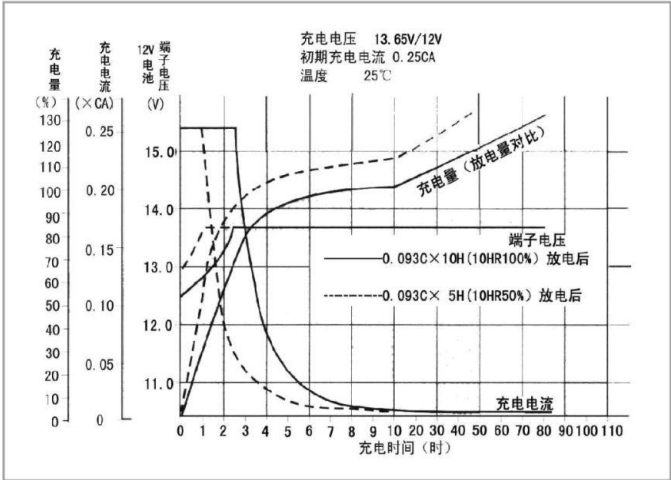


电池特征 Battery Characteristics

标称电压 (V) Nominal Voltage		12
容量 Capacity (25°C)	20小时率	25Ah
	10小时率	24Ah
	5小时率	22Ah
	1小时率	15.5Ah
近似外形尺寸 Approd.Dimension	长 L (mm)	175
	宽 W (mm)	166
	高 H (mm)	125
	总高 OH (mm)	125
不同环境温度下的放置期限 Storage period at various temperature	25°C以下	6个月
	30°C以下	4个月
	35°C以下	3个月
	40°C以下	2个月
运行温度 Operating Temp Range	放电 Discharge	-15°C ~ 50°C
	※充电 Charge	-15°C ~ 45°C
	存储 Storage	-15°C ~ 50°C
推荐温度 Nominal OperatingTemp Range		25°C
※当温度偏离25°C时,要用温度补偿后的电压充电 If the temperature variesy from 25°C, Charge with voltage after temperature compensation		
重量 Weight		约8.0 kg
端子 Terminal		铜芯(M5)
池壳材料 Container material		ABS 阻燃等级:UL94-HB/V-0
内阻 (完全充电) IR, fully charged (25°C)		约 8~12 mΩ
浮充使用期充电方法 Charging method for floating use (25°C)		定电压13.65V 限流2.4~6A
设计浮充寿命 Designed floating life		6年(25°C)

电池限流恒压充电特性

Charge Characteristics Constant Voltage with Current Limit



放电电流和终止电压的关系

Relationship of Discharge Current to Final Discharge Voltage

放电电流 Discharge current	放电允许最低终止电压 Lowest Discharge Final Voltage Allowed
0.2CA未滿	1.75V/单格
0.2CA以上 0.5CA未滿	1.70V/单格
0.5CA以上 1.0CA未滿	1.55V/单格
1.0CA以上	1.30V/单格

定功率放电表 Constant Wattage Discharge Characteristics (25°C 瓦特/单格watts/Cell)

终止电压	10min	15min	20min	30min	40min	45min	60min	1.5h	2h	3h	4h	5h	10h
1.65V	96.8	77.0	63.6	48.4	39.3	35.0	29.3	21.8	18.2	13.3	10.5	8.3	4.6
1.67V	95.3	75.9	62.7	47.9	38.8	34.6	28.8	21.5	18.0	13.2	10.4	8.2	4.6
1.70V	93.2	74.1	61.4	47.2	38.1	34.0	28.2	21.1	17.6	12.9	10.2	8.0	4.5
1.75V	88.4	70.3	58.3	44.9	36.4	32.6	27.2	20.4	17.0	12.5	9.8	7.7	4.3
1.80V	83.3	66.1	55.1	42.4	34.5	31.0	26.0	19.4	16.2	11.9	9.4	7.4	4.2

充电注意 Charging Recommendations

当温度偏离25°C时，请按每变化1°C，浮充使用按-3mV/单格进行修正，均充按-4mV/单格进行修正。
If the operating temperature varies significantly from the center value (25°C), temperature compensation for the charging voltage is recommended. The recommendation is -3mV/°C/cell for float use, and -4mV/°C/cell for cyclic use.



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认证标识 Approval indication



ISO 9001
Quality Management Systems
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ISO 14001
Environmental Management
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ISO 45001
Occupational Health And Safety Management
CERTIFIED



FM 45770 EMS 99952 OHS 750241