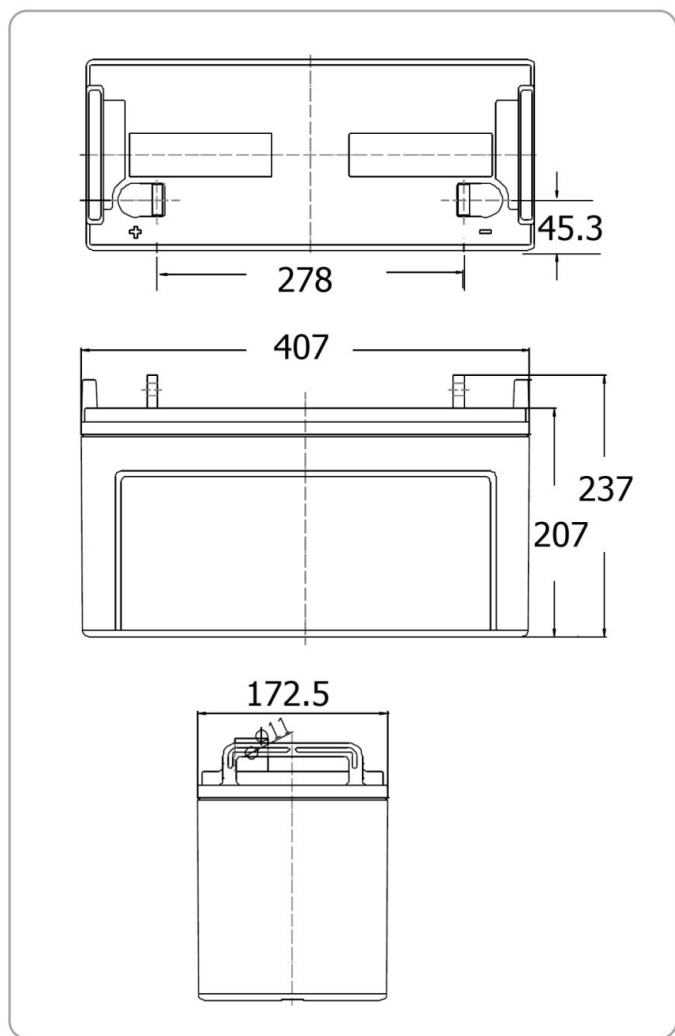


产品特点 Product Features

- 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)

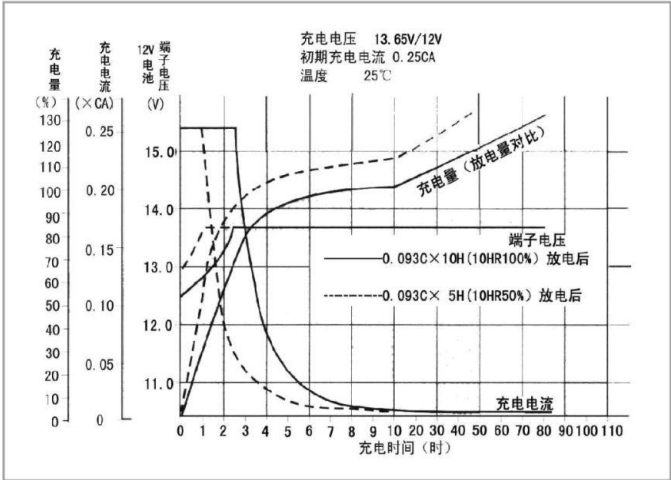


电池特征 Battery Characteristics

标称电压 (V) Nominal Voltage		12
容量 Capacity (25℃)	20小时率	120Ah
	10小时率	110Ah
	5小时率	102Ah
	1小时率	66Ah
近似外形尺寸 Approd.Dimension	长 L (mm)	407
	宽 W (mm)	172.5
	高 H (mm)	207
	总高 OH (mm)	237
不同环境温度下的放置期限 Storage period at various temperature	25℃以下	6个月
	30℃以下	4个月
	35℃以下	3个月
	40℃以下	2个月
运行温度 Operating Temp Range	放电 Discharge	-15℃ ~ 50℃
	※充电 Charge	-15℃~45℃
	存储 Storage	-15℃~50℃
推荐温度 Nominal OperatingTemp Range		25℃
※当温度偏离25℃时,要用温度补偿后的电压充电 If the temperature variesy from 25℃, Charge with voltage after temperature compensation		
重量 Weight		约34 kg
端子 Terminal		L型(M10)
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℃)		3.5~4.5 mΩ
浮充使用期充电方法 Charging method for floating use (25℃)		定电压13.65V 限流11~27A
设计浮充寿命 Designed floating life		6年(25℃)

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	10 min	15 min	20 min	25 min	30 min	40 min	45 min	1h	1.5h	2h	3h	4h	5h	8h	10h
1.65V	458.0	363.0	302.0	256.0	229.3	180.5	168.0	141.0	103.0	84.0	61.0	46.2	38.2	26.1	21.4
1.67V	442.0	358.5	301.0	255.0	228.9	180.0	167.5	140.5	102.5	83.8	60.8	46.1	38.1	26.0	21.3
1.70V	432.0	355.0	297.0	254.0	225.0	179.0	167.0	140.0	102.3	83.5	60.5	46.0	38.0	25.9	21.2
1.75V	405.0	339.5	285.0	252.6	223.4	177.0	165.8	138.8	101.5	83.0	60.0	45.9	37.9	25.5	21.1
1.80V	375.0	321.5	270.0	244.0	211.0	176.0	165.0	137.4	101.0	82.6	59.4	45.8	37.8	25.5	21.0

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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Occupational Health And Safety Management
CERTIFIED



FM 45770 EMS 99952 OHS 750241