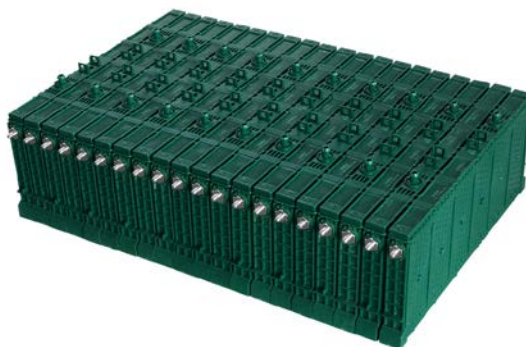


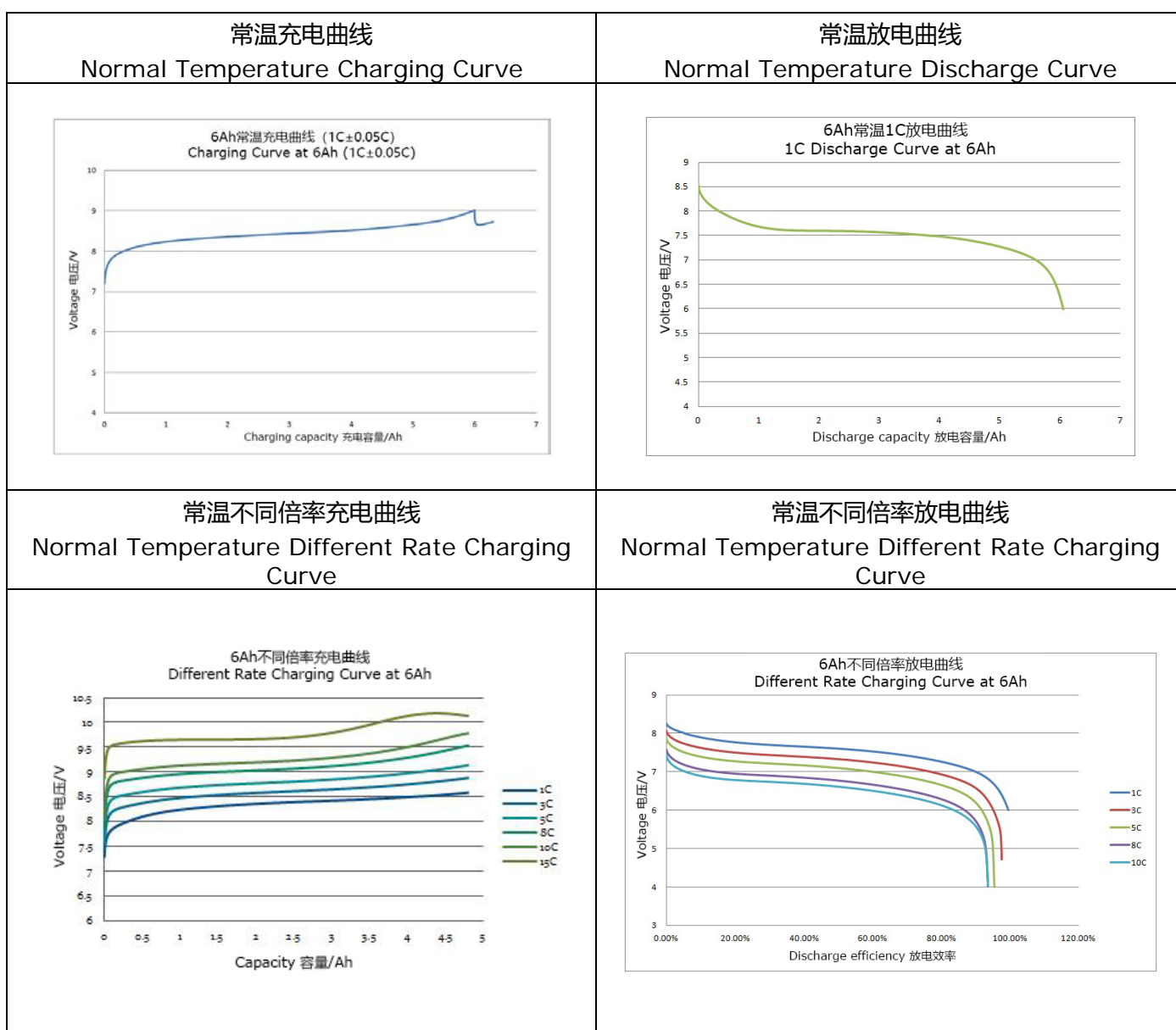
**1. 产品技术规格 Product Specification**

	序号 No.	项目 Item	常规参数 General Parameters		备注 Remark
模块电芯 Module cell	1	额定容量 Rated Capacity	标称容量 Standard Capacity	6.5Ah	OCT 744
			最小容量 Minimum Capacity	5.8Ah	
	2	标称电压 Standard Voltage	144V		
	3	直流内阻 DC Internal Resistance	≤410mΩ		JEVS D 714
	4	温度范围 Temperature Range	-20-45°C		
	5	循环寿命 Cycle Life	2500 Times		
	6	尺寸 (初始尺寸) Size	厚度 Thickness: 394±10mm		
			宽度 Width: 283.0±1.5mm		含引出极柱 Lead-out Pole
			宽度 Width: 275.0±1.5mm		不含引出极柱 Without lead-out Pole
			高度 Height: 118.0±1.5mm		含安全阀 Safety Valve
			高度 Height: 107.5±1.0mm		不含安全阀 Without Safety Valve
	7	重量 Weight	约 Approx.: 21.2Kg		
	8	最大充电电流 Maximum Charging Current	2s, 192V	90A	≤80%SOC
			10s, 192V	60A	
	9	最大放电电流 Maximum Discharge Current	1s, 108V	180A	
10s, 120V			120A		
10	贮存性能 Storage Performance	50%SOC, 25°C, 1年 (50%SOC, 25°C, 1 Year)	电压 Voltage≥144V		
			恢复容量 Recovery Capacity≥5.15Ah		
		50%SOC, 45°C, 30天 (50% SOC, 45°C, 30days)	电压 Voltage≥144V		
			恢复容量 Recovery Capacity≥5.15Ah		

## 2. 外形图 Appearance



## 3. 电芯测试曲线图 Battery cell Test Curve



#### 4. 安全测试及机械特性 Safety Testing and Mechanical Characteristics

序号 No.	项目 Item	测试方法及条件 Test Methods and Conditions	标准 Standard
1	短路 Short Circuit	将电芯标准充电后, 经外部短路, 外部线路电阻应小于5mΩ, 短路时间10min After charging the battery standard, the external line resistance should be less than 5mΩ and the short circuit time is 10min after external short circuit.	不爆炸、不起火 No Explosion, No Fire
2	过放电 Over-discharge	将电芯标准充电后, 再以C/3放电到电压为0V后, 将放电电流增加到2/3C, 并保持10min。 After charging the battery standard, discharge it to C/3 until the voltage is 0V, increase the discharge current to 2/3 C, and keep it for 10 minutes.	不爆炸、不起火 No Explosion, No Fire
3	过充电 Over-charge	将电芯标准充电后, 再以C/3电流充电3h After charging the battery standard, charge it with C/3 current for 3h.	不爆炸、不起火 No Explosion, No Fire
4	跌落测试 Drop Test	将标准充电后的电芯, 从1.5m高度处自由跌落到厚度为20mm的硬木地板上, 每面一次。 The standard charged battery is freely dropped from a height of 1.5 m onto a hardwood floor with a thickness of 20 mm, once on each side.	不爆炸、不起火、无泄漏 No Explosion, No Fire, No Leakage
5	加热 Heating	将标准充电后的电芯置于85°C恒温箱内, 并保温120min Place the standard charged battery in an 85°C incubator and keep it for 120 minutes.	不爆炸、不起火 No Explosion, No Fire
6	针刺 Pinprick	将标准充电后的电芯用直径3mm - 8mm的耐高温钢针、以10mm/s - 40mm/s的速度, 从垂直于电芯极板的方向贯穿。(钢针停留在蓄电池中) The standard charged battery core is passed through a high-temperature resistant steel needle with a diameter of 3 mm to 8 mm at a speed of 10mm/s to 40mm/s from the direction perpendicular to the core plate. (the steel needle stays in the battery)	不爆炸、不起火 No Explosion, No Fire
7	挤压 Extrusion	将标准充电后的电芯, 垂直于蓄电池极板方向施压。挤压面积不小于20cm <sup>2</sup> , 直至电芯壳体破裂或内部短路(电池电压变为0V)为止 The standard charged battery is pressed perpendicular to the battery plate. The pressing area is not less than 20cm <sup>2</sup> until the cell case is broken or an internal short circuit (battery voltage becomes 0V)	不爆炸、不起火 No Explosion, No Fire

## 5. 产品责任 Product Liability

本公司对因没有按本规格规定操作而导致的意外不负责任，当本规格书有重大变更时，本公司会及时通知购买方。

The company is not responsible for accidents caused by failure to operate in accordance with the provisions of this specification. When there are major changes to this specification, the company will promptly notify the purchaser.

## 6. 电池包装说明书上的标示 Battery Packing Instructions Mark

6.1 每一个单体电池应有编号、极性标志。

Each single battery should have the number, polarity and other signs.

6.2 电池以正向位置放入包装箱，包装箱应紧固。

The battery should be placed in the box in the forward position and the package should be fastened.

6.3 包装外箱应有必要的安全警示标识。

The outer box of the package should have the necessary safety warning signs.

## 7. 运输与储存 Transportation and Storage

7.1 请勿用导电材料将电池正、负极直接连接。

Do not connect the positive and negative terminals of the battery directly with conductive materials.

7.2 请勿与链状或类似的金属物品以及腐蚀性物质共同运输和储存。

Do not transport and store together with chain or similar metal objects and corrosive substances.

7.3 电池不能在满电态下运输，运输过程建议 20~50%电量。

The battery cannot be transported in the full state. The transportation process is recommended to be 20-50%.

7.4 运输过程中应防止剧烈振动冲击、挤压和日晒雨淋。

During the transportation process, severe vibration shock, extrusion and sun and rain should be prevented.

7.5 电池长期不使用时，应在 30%~80%电量状态下贮存，并保持在干燥通风的室内。

When the battery is not used for a long time, it should be stored in 30%~80% state of electricity and kept in a dry and ventilated room.

## 8. 电池使用时的注意事项 Precautions When Using The Battery

8.1 非正常使用会导致电池寿命缩短。

Abnormal use will result in shortened battery life.

8.2 短路、损坏安全阀、机械结构及腐蚀会导致泄漏、破裂或损伤。

Short circuit, damaged safety valve, mechanical structure and corrosion may cause leakage, cracking or damage.

8.3 请勿将 (+)、(-) 极接反。

Do not reverse the (+) and (-).

8.4 请勿将电池直接投入火中。

Do not put the battery directly into the fire.

8.5 电池组不要直接与电源插座、汽车点烟器插座连接。

The battery pack should not be directly connected to the power socket or the car cigarette lighter socket.

8.6 请勿拆卸电池或改变电池组结构。

Do not disassemble the battery or change the structure of the battery pack.

8.7 请勿直接在电池上焊接。

Do not solder directly on the battery.

8.8 电池在组装过程中，做好工具绝缘，防止短路。

During the assembly process, the battery is insulated to prevent short circuit.

8.9 多个电池串联时，禁止无绝缘、无防护的情况下身体任何部位同时直接接触 (+)、(-) 极。

When multiple batteries are connected in series, it is forbidden to directly contact (+) and (-) poles in any part of the body without insulation or protection.

8.10 电池充电时，请遵守 ENNOCAR 公司的充电要求。

When charging the battery, please comply with ENNOCAR's charging requirements.

8.11 禁止在高温下使用或放置电池，否则可能会引起电池过热或功能失效，寿命缩短。

It is forbidden to use or place the battery at high temperatures, otherwise it may cause the battery to overheat or disable the function and shorten the service life.

8.12 禁止在强静电和强磁场的地方使用，否则会引起电池安全装置的破坏，带来不安全的隐患。

It is forbidden to use in places with strong static electricity and strong magnetic field, otherwise it will cause damage to the battery safety device and bring hidden dangers.

8.13 如果电池发生泄漏，电解液进入眼睛，请不要擦拭，应用大量清水冲洗眼睛，并立即送医院治疗，以免损伤眼睛。

If the battery leaks and the electrolyte contacts the eyes, please do not wipe it, use plenty of water to rinse your eyes, and immediately go to hospital for treatment, so as not to damage your eyes.

8.14 如果电池发生异味、发热、变色、变形请立即将电池从装置中取出，并与厂家联系解决。

If the battery has odor, heat, discoloration or deformation, please take the battery out of the device and contact the manufacturer to fix it.

8.15 使用、充电、储存过程中出现任何异常，请与厂家联系咨询解决。

If any abnormality occurs during use, charging or storage, please contact the manufacturer for consultation.

8.16 使用前应用干布擦拭干净引出端，否则可能会导致电池接触不良。

Wipe the clean end with a dry cloth before use, otherwise it may cause poor battery contact.

8.17 电池应避免与腐蚀性物质接触，应远离火源及热源，并防止电池外部短路。

The battery should be protected from corrosive substances. Keep away from fire and heat sources and prevent external short circuit.