

## 公司新闻 Company News

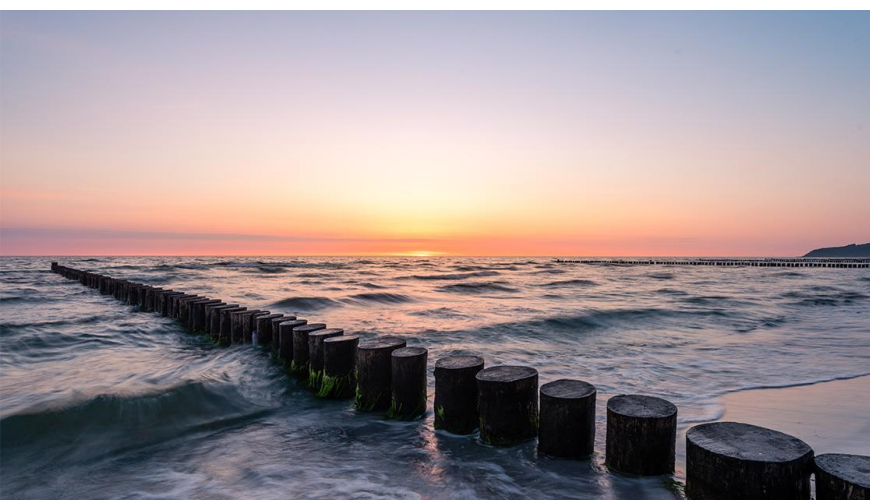
The 14th Transmission symposium China(TMC) was successfully held in Qingdao. This is the second time that Weibang has participated in TMC in a row. The products on display this time are gearboxes with parking mechanisms on the basis of the first generation Mars. With the mission of being an excellent supplier of transmission systems in the field of new energy vehicles, Weibang has been deeply engaged in the traditional system field of the new energy market. Today, Weibang has more than 300,000

applications in the middle and high-end markets. Through extreme quality control and NVH, it provides customers with stable and reliable products and services. Weibang, which has made great achievements in the field of transmission, also won unanimous praise from professional audiences on site.

第十四届国际汽车变速器及驱动技术研讨会（TMC）在青岛顺利召开。这已经是蔚邦连续两次参加TMC，本次展出产品为是在一代Mars基础上加装驻车机构的变速箱。蔚邦一直以新能源汽车领域传动系统的卓越供应商为使命，深耕新能源市场传统系统领域。如今，蔚邦在中高端市场应用已超30万台，通过极致的品控和NVH，为客户提供稳定可靠的产品及服务。在传动领域大发异彩的蔚邦本次展出也获得现场专业观众的一致好评。



## The Horizon | 携手阿尔勒全球征集最美地平线



On August 29, 2022, Nio and Jimei Arles International Photography season reached a cooperation to jointly launch the annual theme photography activity of "the horizon", which is aimed at photographers around the world to collect the most beautiful horizon works.

2022年8月29日，蔚来与集美·阿尔勒国际摄影季达成合作，共同

发起「The Horizon」年度主题摄影活动，面向全球摄影师，征集最美地平线作品。

## P&L Jul 七月业绩分享

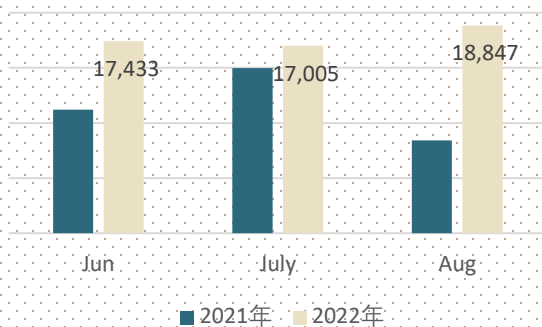


### Delivers/交付

In August, GB actually sold 18,847pcs, and the market continued to improve; The month on month sales volume increased by 11%, and the year-on-year sales volume increased by 124%.

8月GB实际销售18,847台，市场持续向好；上月环比销量增加11%，去年同比销量上升124%。

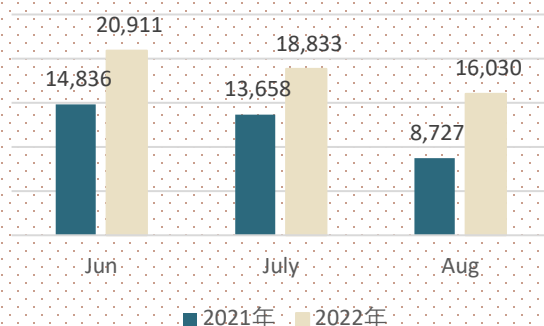
Delivers



### Outputs/产量

16030pcs were produced in Aug., an increase of 84% over last year; In 2022, the cumulative output was 140,475 units, an increase of 39% over the same period last year. 8月产出16,030台，同比去年上升84%；2022年累计产出140,475台，比去年同期上升39%。

Outputs

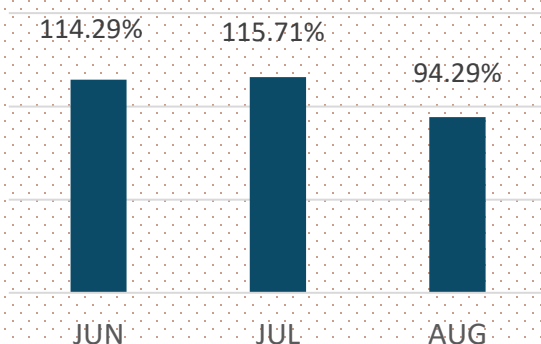


### EBIT VS Target/利润目标

In August, there were more expenses and EBIT decreased.

8月份费用较多，EBIT有所减少。

ACTUAL/TARGET





## Leading-In Review Of Vitesco

## 纬湃客户导入审核



On August 17, the audit expert group of vitesco Co., Ltd. visited Weibang to review the introduction of potential suppliers. Vitesco adopted P6 of VDA6.3 standard to conduct on-site audit on our company to check the effectiveness of the quality management system and the reliability of on-site equipment and processes. During this period, the audit team believed that the management and employees at all levels of Yubang attached great importance

to the operation of the quality system and had sufficient material resources. As of August 22, the audit was successfully passed.

Since the end of 2021, with the greatest goal of meeting vitesco's customer requirements, Yubang has prepared for the audit from the process input, process input, human resources, material resources and other dimensions of p6. After several rounds of pre audit, a number of NG items were sorted out, and key, difficult and problematic items were selected for special breakthroughs. All departments of Weibang worked together, and the top management gave full support.

As the saying goes, "sincerity is the key to success", there will be returns as much as you pay. The hard work and sweat of all the employees of Weibang have finally yielded fruitful results in this early autumn. In order to achieve the goal of becoming an excellent supplier of transmission systems in the field of new energy vehicles, all colleagues of Weibang will set higher standards for themselves, be grateful and forge ahead!

8月17日，Vitesco（纬湃科技）有限公司审核专家组莅临蔚邦进行潜在供方导入审核。Vitesco此次采用VDA6.3标准的P6部分，对我司进行现场审核，检查质量管理体系的有效性、现场设备工艺的可靠性。期间审核组认为，蔚邦管理层及各级员工对质量管理体系的运行情况十分重视，有充足的物质资源投入。至8月22日，顺利通过本次审核。

自2021年底至今，蔚邦本着满足Vitesco客户要求为最大目标，从P6条款的过程输入、过程输入、人力资源、物质资源等多维度进行审核准备。经多轮预审核，梳理处多项NG项，并筛选出重点、疑难点问题项进行专项突破。蔚邦各部门上下齐心，群策群力，高层更是给予了鼎力支持。所谓“精诚所至，金石为开”，有多少付出，就会有多少回报。蔚邦全体员工付出的辛劳和汗水，终于在这个初秋时节收获了累累硕果。





## 8月员工大会：Genba Walk STAFF MEETING IN AUG.

At the staff meeting in August, Mr. Sun pointed out various problems in field operation; Among quality, logistics, production and other departments are involved. Remind all departments to observe and find problems in actual work, improve work efficiency and eliminate problems. In order to better implement the completion of each department, a biweekly on-site inspection (Gennba Walk) was conducted.

- Team (Management): Simon Sun, Jia Dasong, Peng Jiaqiang, Leo Shen, Michael Han
- Coordinator: Sage Shi (Quality System)

8月员工大会，孙总在员工大会指出了现场作业中的各种问题；其中涉及质量部、物流部、生产部等部门。提醒各部门在实际工作中注意观察、寻找问题，提升工作效率从而杜绝问题发生。为更好落实各部门完成情况，进行两周一次现场巡视（Genba Walk）

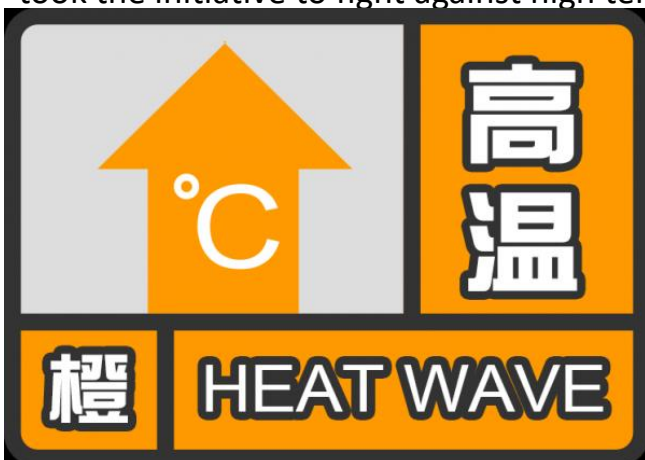
- 团队（管理层）：Simon Sun、贾大松、彭家强、Leo Shen、Michael Han
- 协调员：Sage Shi（质量体系）

(编辑 王晓雨 Edit by Xiaoyu)

## Combat With High Temperature 战高温，斗酷暑

This summer, the high temperature is persistent and fierce. From July to August, Nanjing all the way high temperature orange, red warning. With the acceleration of new projects and new production lines in the second half of the year, Yubang ushered in a high-yield and high-sales season. In the face of the heat wave, all employees of Yubang production department took the initiative to fight against high temperature and race against time with unyielding will and courage to face challenges.

今年的夏天，高温持久而猛烈。7-8月，南京一路高温橙色、红色预警。伴随着下半年新项目、新产线等事项的加速推进，蔚邦迎来了高产、高销大旺季。面对热浪滚滚，蔚邦生产部全体员工主动出击，用不服输的意志和直面挑战的魄力，与高温作战，与时间赛跑。这个夏天，一线员工奋战在“高温炙烤模式”下，坚定目标，保订单、保交付。炎炎酷暑，阻挡不住我们前进的脚步。





# Solar Energy Car is expected on sell by 2024 太阳能电池汽车有望2024年上市



625 km

Range WLTP\*

<0.19

C<sub>d</sub>-value

1,575 kg

Weight

70 km

Solar charge  
per day max.

640 L

Trunk space  
(seats up)

10.5 kWh  
/100 km

Energy use

11,000 km\*\*

Solar yield  
per year max.

12 L

Center console

\*Pending final verification tests  
\*\*Solar yield will vary depending  
on location. Estimate based on  
Southern Spain.

Lightyear, a three-year-old Dutch company focused on solar-powered cars, recently announced \$81 million in new funding.

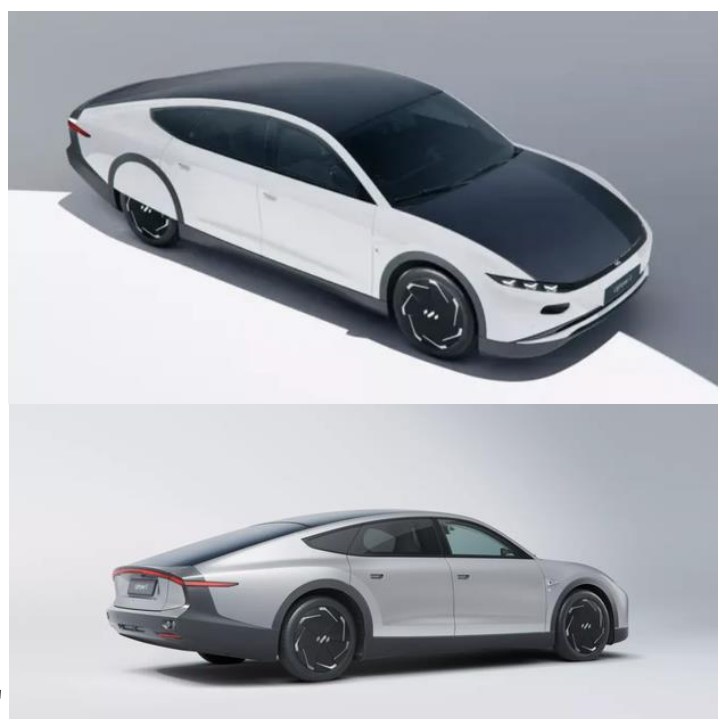
Lightyear will use the funds to build its first solar-powered car, the Lightyear0, which is expected to land this year, with first samples delivered in November. Production is scheduled to begin in 2024 and is expected to be available for 30,000 euros.

Lightyear's cars use solar energy to charge, and the battery lasts for a long time, which solves the problem of dependence on charging for cars, makes travel more environmentally friendly and cheaper. Continuous charging also improves the speed and efficiency of driving.

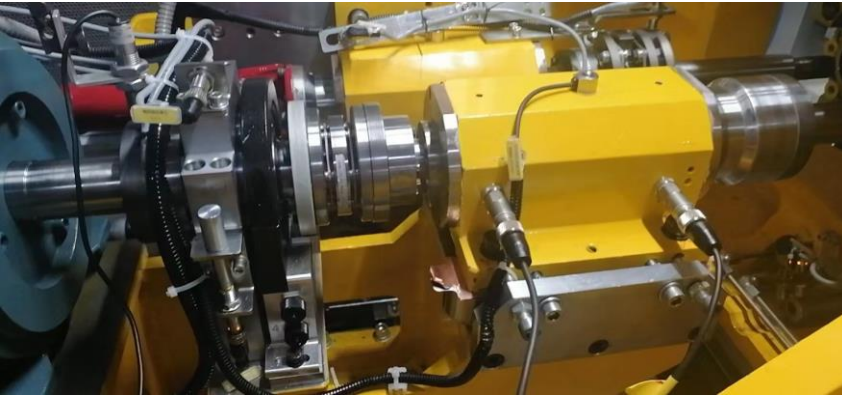
"Our technology has tremendous social impact and potential in the current market environment, so I see an investment of this magnitude as a testament to Lightyear's product vision", CEO Lex Hoefsloot said.

荷兰一家创立三年的致力于太阳能汽车的公司lightyear近期宣布获得8100 万美元的新投资。Lightyear 将利用这笔资金来生产旗下首辆太阳能汽车 Lightyear0, 该款汽车预计年内落地, 首批样品将于 11 月交付, 计划于 2024 年批量生产, 预计售价 30000 欧元。

Lightyear旗下汽车利用太阳能进行充电, 电池续航能力持久, 解决了汽车对充电的依赖问题, 使出行更加环保, 成本更低, 持续充电也提高了行驶的速度和效率。首席执行官 Lex Hoefsloot 介绍道: " 在当前的市场环境中, 我们的技术具有巨大的社会影响力和潜力, 因此我认为这种规模的投资是 Lightyear 产品愿景的证明。"



## Electric Dynamic Balance Of Test Bench 测试台电机动平衡知识分享



High speed rotating machinery is greatly affected by materials. Impact, corrosion and wear will cause unbalanced faults to the rotor system of the machine. 70% of the vibration faults of rotating machinery come from the unbalance of rotor system. The operation of eliminating the

unbalance of the rotor and making it in a balanced state is called balance correction. The balance correction is carried out on a plane perpendicular to the rotor axis, which is called the correction plane.

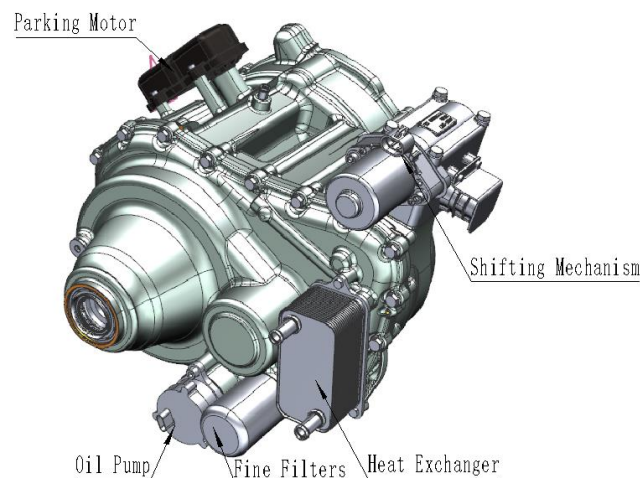
高速旋转机械受物料的影响较大,冲击、腐蚀、磨损都会对机器的转子系统造成不平衡故障。而旋转机械的振动故障有70%来源于转子系统的不平衡。消除转子的不平衡,使其处于平衡状态的操作叫作平衡校正,平衡校正是在垂直与转子轴线的平面上进行的,该平面称为校正平面。

对于刚性转子而言,类似我司测试台高速旋转轴承座这类刚性结构,一般具有静不平衡与动不平衡。可在任意选择的与轴线相垂直的两个校正平面内校正其不平衡,即所谓的双平面平衡。校正方法一般采用加重或去重的方式进行。校正平面的位置一般由转子的结构决定。为减少在平衡操作中所花费的时间和劳力,首先应设法减少校正量,为此在可能的条件下,尽可能地增加两校正面的距离和校正半径,并可以尝试旋转两轴之间的相对位置,以取得好的平衡效果。

(编辑 李蕾 Edit Lei.Li)

## Weibang Design - Two Speed Gearbox 蔚邦设计——两档变速箱

The preliminary design of a two gear transmission developed for customers in the early stage has been completed. The transmission is of coaxial structure, including gear shifting mechanism, parking mechanism, oil pump, fine filter, radiator, etc. (as shown in the figure). The parking function is an optional function, and the parking interface is reserved for customers to choose from, which enriches the choice space of customers. At the same time, this transmission is also the first two gear structure transmission initially designed by Weibang.



蔚邦前期为客户开发的一款两档变速箱,现已完成初步设计。该款变速箱为同轴式结构,包括换挡机构、驻车机构、油泵、精滤器、散热器等(如图所示),其中驻车功能为选配功能,预留驻车接口供客户选择。丰富了客户的选用空间,同时该款变速箱也是蔚邦设计的第一款两档结构变速箱。

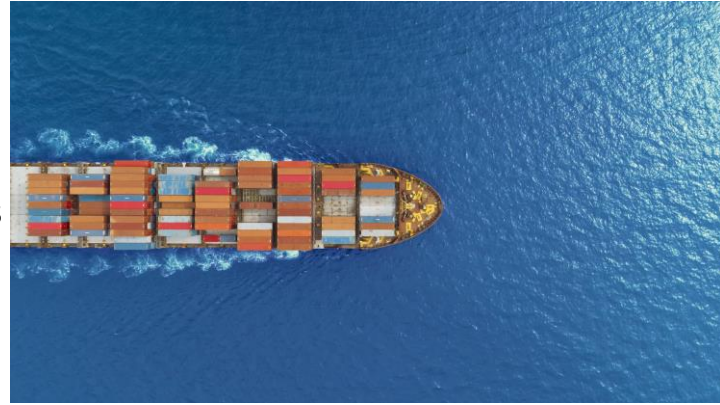


## Functional Links Of Logistics Activities

### 物流活动的功能环节

Logistics consists of packaging, loading and unloading, transportation, storage, circulation and processing, logistics information and other functional links.

(1)Transportation: a logistics activity that uses equipment and tools to transport goods from one place to another, creating the spatial value of goods.



(2)Storage: the activity of keeping and controlling the quantity and quality of goods to create the time value of goods.

(3)Circulation processing: purchasing processing, processing and assembly activities to increase sales.

物流活动由包装、装卸、运输、储存、流通加工、物流信息等功能环节构成。

(1)运输:用设备和工具，将物品从一地点向另一地点运送的物流活动，创造商品的空间价值。

(2)储存:对物品进行保存及对其数量质量进行管理控制的活动，创造商品的时间价值。

(3)流通加工:为了增加销售而进行的进货处理，加工和装配等活动。

(编辑 孙颖 Edit Sonia.Sun)

## How Far Are Solid Batteries From Us

### 固态电池距离真正上车还需要多久？

Compared with lithium-ion batteries, solid-state batteries are safe, lightweight, reasonable in cost, and support fast charging. They are the best way out for the next generation of power batteries, the only prescription to eradicate the stubborn problem of the range of existing electric vehicles, and the sharp trump card for electric vehicles to completely kill fuel vehicles. In 2022, China's intelligent electric vehicle company NIO carried a solid-liquid hybrid battery pack with a capacity of 150 degrees on its new model ET7. It is an indisputable fact that solid-state batteries surpass liquid lithium-ion batteries in all latitudes, but it is not difficult to find the commonness of solid-state batteries from the schedules of major automobile companies: the commercialization time is too long, and 2030 is the most optimistic estimate.

相比锂离子电池，固态电池安全轻量、成本合理、支持快充，是下一代动力电池的最佳出路，是根除现有电动汽车续航里程顽疾的唯一处方，是电动汽车彻底干掉燃油车的锋利杀手锏。

2022年，中国智能电动汽车公司蔚来将在全新车型ET7上搭载容量为150度的固液混电池包，2022年也因此被划定为“固态电池上车元年”。

固态电池在所有纬度都超越液态锂离子电池是不争的事实，但从各大汽车公司的时间表上不难发现固态电池的共性：商业化时间太久，2030年已是最乐观的估计。



## 南京小众景点——苏家理想村

浪漫的灵魂从不向平淡的日子妥协，你我皆是去过南京很多旅游村，但还是被这里惊艳到了~很多人都问我是不是在国外，大片的草坪，可以肆意奔跑露营，还可以玩皮划艇，在清澈的湖水中比赛，偶尔飞起的白鹭，身边有戏水的小野鸭。玩累了还有风格各异的民俗，农家菜供你选择，射阳的生活是理想的日子！

交通：建议自驾，免费停车；

建议准备：桌布或者帐篷类；



The romantic soul never compromises on ordinary days. You and I have been to many tourist villages in Nanjing, but we are still amazed by this place. Many people ask me if I am abroad. There are large lawns, you can run and camp wantonly, you can also play kayaking, compete in the clear lake water, occasionally fly egrets, and there are small wild ducks playing in the water around me. There are also folk customs with different styles, and farm dishes for you to choose from, Life in Sheyang is an ideal day!

Transportation: self driving and free parking are recommended;

Suggested preparation: tablecloth or tent;





民宿与石臼湖总透露着一种浓郁的宫崎骏风。田姐家延续着日系建筑风格，将天空之镜的遐想，由外而内的渗入心房。酒店还有全景书屋，湖边餐厅，儿童游乐区域，距离石臼湖也是非常近，步行100米就到了，透过房间窗户就能看到湖景，非常适合打卡。

Homestay and stone Qiuhu always reveal a strong Miyazaki style. Tian elder sister home continues the Japanese architectural style, the reverie of the sky mirror, from outside to inside into the atrium. The hotel also has a panoramic library, a lakeside restaurant and a children's play area. It is also very close to the stone Qiuhu, which is only 100 meters away. You can see the lake from the room window, which is perfect for clocking in.

