ODM Cases

E-Scooter

ONE-STOP DEVELOPMENT SERVICES

PXiD

PXID
FOR Future

ELEVEN

E-Scooter case

Project Title: Eleven Ground Electric Scooter

Project Description: The ELEVEN electric scooter is a new durable and lightweight electric scooter designed for long-term deployment in public spaces. It features a dual-A-EV sharing system and a swappable battery for easy replacement.

- Motor: 36V/500W
- Battery: 36V/15.6Ah
- Stall Torque: ≥176.7N m
- Speed: 25km/h

Product Details

01 Product Design

RENDERED EFFECT DIAGRAM

If you have any new ideas, tell us and we will make it happen!

IOT MOBILE PHONE STAND SOLUTION

By designing a solution to fix the mobile phone, ensure a mobile phone during cycling.

BRAND DESIGN

Collaborate with brands to design the perfect product.

02 Mechanical Design

3D DATA MODEL

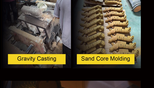
Present products more intuitively via 3D data models.

IOT ELECTRONIC CONTROL MODEL WITHIN THE CHASSIS

03 Core Process

THE CHASSIS IS MADE EVEN MORE ROBUST THROUGH PROCESSES SUCH AS GRAVITY CASTING.

Gravity Casting



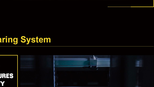
Sand Core Molding

TUNGSTEN INERT GAS (TIG) WELDING

The weld seam is tight, strong, and does not crack.

04 IOT Sharing System

STRICT QUALITY INSPECTION ENSURES THE HIGH QUALITY AND STABILITY OF CORE COMPONENTS.



Machine Detection

Manual Detection

05 Mold Development

PLASTIC PARTS MOLD DEVELOPMENT AND DESIGN

EDM (ELECTRICAL DISCHARGE MACHINING) CHASSIS FORMING

PLASTIC PARTS INJECTION MOLDING

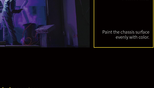
06 Frame Manufacturing

CNC Milling

Chassis Welding

CHASSIS POLISHING

Chassis polishing makes the surface smooth.



T6 CHASSIS HEAT TREATMENT LINE

Heat treatment makes the chassis harden.

CHASSIS PAINTING

Paint the chassis surface evenly with color.

07 Testing laboratory

Chassis Drop And Impact Test

Wheel Hub Test

Full Vehicle Fatigue Test

Chassis Load-bearing Test

08 Mass Production

PRODUCTION LINE ASSEMBLY

We have three assembly lines to meet your various production needs.

PRODUCT PACKAGING

We have our own logistics team,providing efficient and reliable logistics services to more than 30 regions and countries.

09 Product Launch To Market

Each product undergoes strict quality control by PXID to ensure perfection in every detail, ultimately achieving the delivery of high-quality products.

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OEM Cases

H10

E-Scooter case

Project Title: Magnesium Alloy Electric Scooter

Product Overview: The first fully magnesium alloy electric scooter, custom die-whipped throughout, has won the prestigious German Red Dot Design Award and is sold online several internationally recognized brands.

- Motor: 36V/300W
- Load Capacity: 120kg
- Battery: 36V7.5Ah
- Speed: 25km/h

Product Details

01 Product Design

RENDERED EFFECT DIAGRAM

If you have any new ideas, tell us and we will make it happen!

AWARDS AND HONORS

Has been honored with multiple design awards domestically and internationally.

02 Mechanical Design

3D DATA MODEL

Present products more intuitively via 3D data models.

03 Core Process

THE DIE CASTING PROCESS OF MAGNESIUM ALLOYS

Integrating multiple components into one entirely for die casting simplifies the production process and shortens the production cycle.

04 Frame Manufacturing

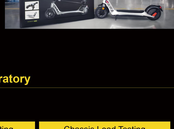
THE MANUFACTURING TECHNOLOGY OF THE CHASSIS

We are capable of under taking the whole frame development process such as parts cutting, welding, heat treatment, painting etc.

05 Brand Packaging Design

CONVEY THE CORE VALUES OF THE BRAND THROUGH PACKAGING DESIGN

Brand packaging design should not only take into account visual aesthetics but also give consideration to functionality.



06 Testing laboratory

Overall Fatigue Testing

Chassis Load Testing

07 Mass Production

PRODUCTION LINE ASSEMBLY

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PRODUCT PACKAGING

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08 Product Packaging Design

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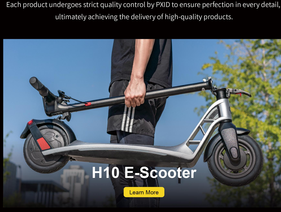

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ODM Cases

URBAN-P1

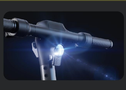
E-Scooter case

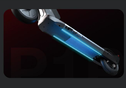
Project Title: URBAN-P1 Electric Scooter

Product Overview: The URBAN-P1 Electric Scooter features an 8-inch aluminum frame, offering a lightweight and compact design. It is specifically designed for convenient and portable urban commuting.

- Motor: 350W
- Load Capacity: 100kg
- Battery: 36V7.8Ah
- Speed: 20km/h

Product Details





01 Product Design

RENDERED EFFECT DIAGRAM

If you have any new ideas, tell us and we will make it happen!

QUICK FOLDING DESIGN

Convenient, small ,easy to put in the trunk

02 Mechanical Design

3D DATA MODEL

Present products more intuitively via 3D data models.

03 Prototype Production

04 Mass Production

PRODUCTION LINE ASSEMBLY

We have three assembly lines to meet your various production needs.

09 Product Launch To Market

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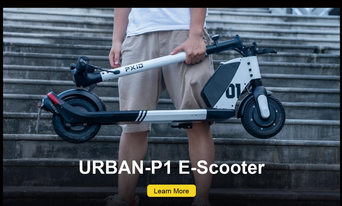

URBAN-P1 E-Scooter

Learn More

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PXiD
ODM Cases

URBAN-P3

E-Scooter case

Project Title: URBAN-P3 Electric Scooter

Product Overview: The URBAN-P3 is a 10-inch foldable scooter featuring front and rear suspension and a built-in 21Ah high-capacity battery, designed for long-range commuting.

- Motor: 500W
- Load Capacity: 100kg
- Battery: 48V21Ah
- Speed: 35km/h

Product Details

01 Product Design

RENDERED EFFECT DIAGRAM

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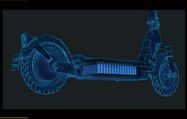
CMF DESIGN

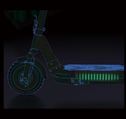
CMF design enables products to be both functional and aesthetically pleasing.

02 Mechanical Design

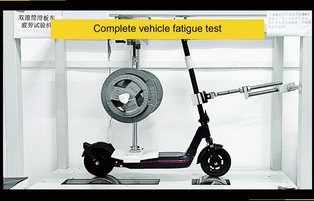
500W MOTOR

Bigger, more powerful!





03 Testing laboratory



04 Mass Production

PRODUCTION LINE ASSEMBLY

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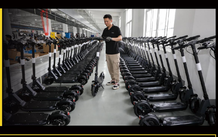

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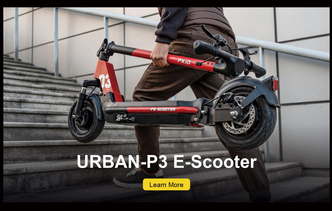

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