



A MASTER OF POWER

2022 VERSION

# PRODUCT CATALOG

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**Shenzhen Yima Power Supply Co.,Ltd**



# CATALOG



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# COMPANY PROFILE

## 12 YEARS Industrial Experience

Shenzhen Yima Power Supply Co., Ltd.(hereinafter referred to as "Yima") was established in 2017, the management has 12 years of experience in the lithium battery industry for electric bicycle. Yima is mainly committed to the research and development, producing and sales of lithium-ion 18650/32650 LFP series cells and battery modules.

## ISO9001 Management System

Yima has passed the ISO9001 quality management system and ISO14001 environmental management system in 2021, and all products have passed CE, UL, ROHS, UN38.3, MSDS and other certifications.



RoHS

R&D

Production

Sales



## Technical Team

Yima not only insists on the principle of quality first, but also insists on the concept of technology first, and has cultivated a technical team from BAK, ATL, Sunwoda, Central South University and other famous enterprises in the industry.



## Production Capacity

Yichun factory in Jiangxi province covers an area of 20,000 m<sup>2</sup>, with 20 assembly lines and an annual capacity of 300,000 battery packs.

20,000+

20,000 square meters of new plant



## Vison&Mission

### Corporate Mission:

To provide users with a safe, lightweight and intelligent lithium battery system.

### Enterprise Tenet:

Satisfy customers, make employees happy, promote enterprise development, and be responsible to the society.

### Corporate Vision:

Return clean land and blue sky to the earth, and let human beings be happy forever.

### Core Values:

Integrity, fraternity, innovation, pragmatism, gratitude.



### Enterprise Spirit:

Let us have a direction in our hearts, take responsibility for our mission, and work together to create a better future.

### Service Concept:

Market-oriented, customer-centric, understanding customer needs, exceeding customer expectations, customer satisfaction is our driving force.

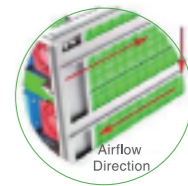
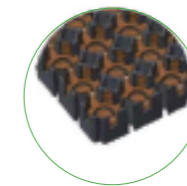
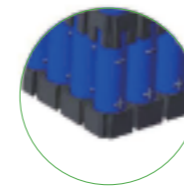
### Management Philosophy:

High quality, high efficiency, low consumption, pragmatism and striving to be the vanguard.

### Talent Concept:

We need people with both morality and ability, make the best use of staff's talents, common development, and share success.

## High Security PACK Design



- 1 Multiple short circuit protection design
- 2 Shell flame retardant design
- 3 Multiple protection design
- 4 Explosion-proof design
- 5 Matrix bus
- 6 PI heating design
- 7 Ducted air cooling
- 8 Thermal management system
- 9 Smart balance

## Electric Bike Battery Exploded Views



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## ELECTRIC BICYCLE SERIES

### Applications



## YM-JN01

### Product Parameters:

Maximum Cells : 18650(118Pcs) / 21700(91Pcs)  
Max Capacity : 72V 20Ah / 52V 28Ah / 48V 31.5Ah  
Size : 381\*183\*167mm



## YM-HL

### Product Parameters:

Maximum Cells : 18650(65Pcs)  
Max Capacity : 52V 14Ah / 48V 17.5Ah / 36V 21Ah  
Size : 367\*90\*111mm

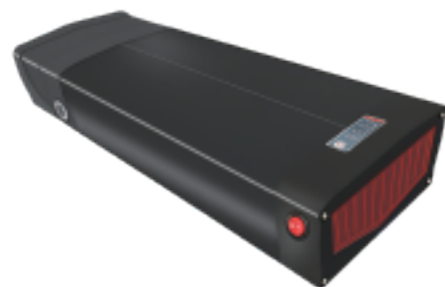


## YM-DTUBE

### Product Parameters:

Maximum Cells : 18650(52Pcs)  
Max Capacity : 48V 14Ah / 36V 17.5Ah  
Size : 390\*90\*105mm





## YM-DJG

Maximum Cells : 18650(117Pcs)  
Max Capacity : 52V 25Ah / 48V 28Ah / 36V 35Ah  
Size : 430\*160\*80mm



## YM-IR

### Product Parameters:

Maximum Cells : 18650(70Pcs) / 21700(60Pcs)  
Max Capacity : 48V 20Ah / 36V 30Ah  
Size : 441\*80\*108mm



## YM-RB

### Product Parameters:

Maximum Cells : 18650(60Pcs)  
Max Capacity : 48V 14Ah / 36V 21Ah  
Size : 425\*320\*64mm



## YM-SS

### Product Parameters:

Maximum Cells : 18650(20Pcs) / 21700(20Pcs)  
Max Capacity : 36V 10Ah  
Size : 630\*63.6\*131.5mm



## YM-ID

### Product Parameters:

Maximum Cells : 18650(80Pcs) / 21700(65Pcs)  
Max Capacity : 48V 25Ah / 36V 30Ah  
Size : 457\*62\*75mm



## YM-KTS04

### Product Parameters:

Maximum Cells : 18650(65Pcs) / 21700(65Pcs)  
Max Capacity : 48V 25Ah / 36V 30Ah  
Size : 685\*73\*87mm



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## ELECTRIC MOTORCYCLE SERIES

### Applications



### YM-EM

#### Product Parameters:

Battery Cells : 18650 / 21700 / 26650  
Rated Voltage (V) : 60V / 72V  
Capacity (Ah) : 20Ah / 30Ah / 42Ah  
Size : Customized  
Material : Metal Iron Shell  
Working Temperature : -20 ~ 60°C  
Cycle Life : 800 Times  
Application : Electric Motorcycle



### YM-EMMC

#### Product Parameters:

Battery Cells : 18650 / 21700 / 26650  
Rated Voltage (V) : 48V / 60V  
Rated Capacity (Ah) : 20Ah / 30Ah / 40Ah  
Size : Customized  
Material : Metal Iron Shell  
Working Temperature : -20 ~ 60°C  
Cycle Life : 800 Times  
Application : Electric Off-Road Motorcycle



### YM-EMHRD

#### Product Parameters:

Battery Cells : 18650 / 21700 / 26650  
Rated Voltage (V) : 60V / 72V  
Rated Capacity (Ah) : 100Ah / 120Ah / 150Ah  
Size : Customized  
Material : Metal Iron Shell  
Working Temperature : -20 ~ 60°C  
Cycle Life : 800 Times  
Application : High Speed Electric Motorcycle



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## MOTIVE POWER SERIES

### Applications



## IP65 Electric Surfboard Battery

### Product Parameters:

Rated Voltage(V) : 12.8V (Customized)  
Capacity (Ah) : 24Ah  
Specification : 4S4P  
Cycle Life : 2000-2200Times  
Material : Metal Iron Shell  
Weight : According to Customization  
Application : Electric Surfboard



## Electric Boat Battery

### Product Parameters:

Rated Voltage (V) : 48V / 51.2V  
Capacity (Ah) : 85Ah / 100Ah  
Specification : According to Customization  
Cycle Life : 1000Times  
Material : Metal Iron Shell  
Weight : According to Customization  
Application : Electric Boat / Golf Cart / Sightseeing Car



## Electric Golf Cart Battery

### Product Parameters:

Rated Voltage (V) : 51.2V / 60V / 72V  
Capacity (Ah) : 65Ah / 85Ah / 100Ah  
Specification : According to Customization  
Cycle Life : 2000-2200Times  
Material : Metal Iron Shell  
Weight : According to Customization  
Application : Electric Golf Cart / Tricycle / Forklift / Sightseeing Car

