

**ELECTRIC VEHICLE**

**GREEN ENERGY SOLUTION**



**QIANGSHENG GROUP CO., LTD**



## Company Introduction

Qiangsheng Group was founded in 2005, with more than 1000 employees, a modern production workshop of over 180,000 square meters, and advanced production equipment. The annual output value exceeds 1.6 billion yuan. Its products cover more than 30 cities across the country and are sold well in more than 30 countries around the world, having become a trusted "Made in China with Intelligence" business card for overseas users.

Qiangsheng Group focuses on the research, development, and supply of new energy intelligent travel solutions. Currently, our business has been expanded into three major segments: 1. Electric vehicle R&D manufacturing segment, mainly focuses on the R&D and manufacturing of electric tricycles and two-wheeled electric vehicles, which can meet the diverse needs of users; 2. The lithium battery supply and manufacturing segment, mainly focuses on R&D and manufacturing of high-performance lithium batteries, providing sufficient and reliable energy support for vehicles.; 3. The intelligent vehicle-battery integration system solution segment, mainly covers vehicle-battery integration management solutions such as the layout of battery swapping stations, battery leasing, remote monitoring, and system operation and maintenance management, providing operation diversified solutions to customers with different needs.

Qiangsheng Group has professional design, research and development, production, sales, and after-sales teams, which can provide services throughout the entire life cycle of new energy intelligent travel solutions for different customers. The group can undertake ODM business for vehicles, lithium batteries, and vehicle-battery

integration management systems. At the same time, it can also provide corresponding services such as equipment, raw materials, and technical support for customers to build factories overseas or set up new projects.

Xianghe Qiangsheng Electric Vehicle Manufacturing Co., Ltd., as a subsidiary of Qiangsheng Group, has more than 20 years of experience in the production of new energy vehicles. The company is mainly responsible for the procurement, logistics, warehousing, production, and other businesses of new energy vehicles under the group. The company's products cover a variety of products such as passenger tricycles, freight tricycles, special tricycles, and high-speed and low-speed two-wheeled vehicles. A variety of products produced by the company have obtained multiple certifications such as the national CCC certification and the EU EEC certification. The company has a complete set of intelligent production equipment, including R&D workshops, sheet metal workshops, welding workshops, painting workshops, assembly workshops, and inspection workshops, etc., and can realize the production of electric vehicles through all processes from the entry of raw materials into the factory to the delivery of the complete vehicles. Our production factory has been rated as the Langfang City Industrial Design Center and has the qualification of an upgraded research and development center in Hebei Province.



Beijing Erichman Technology Co., Ltd. is affiliated to Qiangsheng Group and was established in 2015. As the core carrier of the group's sales segment, Erichman focus on the sales of the group's products. Currently, its products have been exported to many countries in regions such as Asia, Africa, Europe, and America.

Qiangsheng has always adhered to the business philosophy of "Quality first". With the spirit of striving for perfection and continuous progress, it has become a leading enterprise in the global new energy electric vehicle industry.

# Lithium Battery

## QSPower Lithium Battery Cell



## Product parameters

Li(NiCoMn)O<sub>2</sub>

| Model             | Rated capacity | Nominal voltage | Max discharge current | Max discharge current | Cell weight |
|-------------------|----------------|-----------------|-----------------------|-----------------------|-------------|
| QSiNR18650 - 2000 | 2000           | 3.7             | 5C                    | 8C                    | 42          |
| QSiNR18650 - 2500 | 2500           | 3.7             | 5C                    | 8C                    | 44          |
| QSiNR18650 - 2600 | 2600           | 3.7             | 2C                    | 2C                    | 46          |

LiFePO<sub>4</sub> Cell

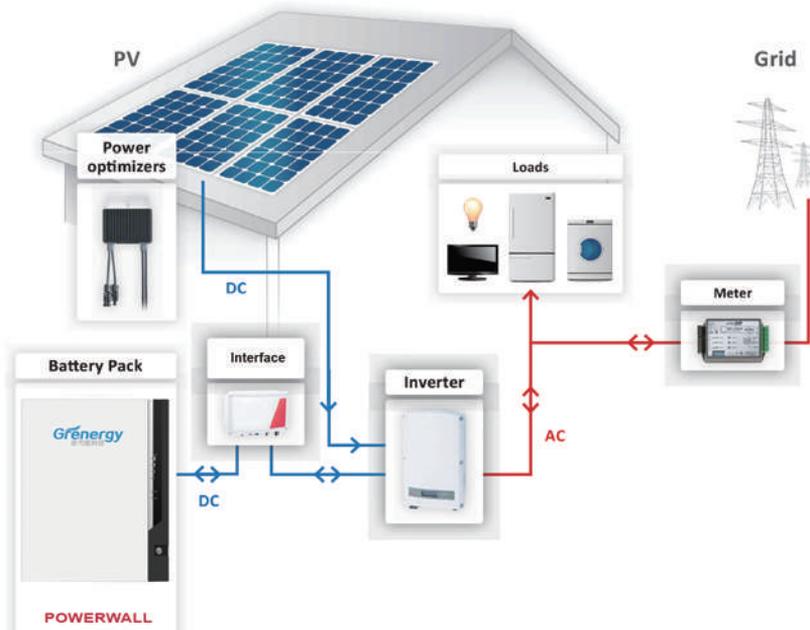
| Model              | Rated capacity | Nominal voltage | Max discharge current | Max discharge current | Cell weight |
|--------------------|----------------|-----------------|-----------------------|-----------------------|-------------|
| QSiFR18650 - 1500  | 1500           | 3.2             | 3C                    | 5C                    | 40          |
| QSiFR26650 - 3000  | 3000           | 3.2             | 3C                    | 5C                    | 82          |
| QSiFR26650 - 3500  | 3500           | 3.2             | 3C                    | 5C                    | 84          |
| QSiFR32650 - 6000  | 6000           | 3.2             | 3C                    | 5C                    | 140         |
| QSLF36115200       | 50000          | 3.2             | 1C                    | 3C                    | 1500        |
| QSLF48174133 - 86  | 86000          | 3.2             | 1C                    | 3C                    | 2100        |
| QSLF48174133 - 100 | 100000         | 3.2             | 1C                    | 3C                    | 2200        |
| QSLF36130220 - 100 | 100000         | 3.2             | 1C                    | 3C                    | 2200        |

## APPLICATION

| Model        | Nominal Voltage | Rated Capacity | Standard Discharge | Current Dimension |
|--------------|-----------------|----------------|--------------------|-------------------|
| QSLF1280     | 12.8V           | 80Ah           | 40A                | 318x181x168mm     |
| QSLF12100    | 12.8V           | 100Ah          | 50A                | 330x173x216mm     |
| QSLF12150    | 12.8V           | 150Ah          | 75A                | 318x181x168mm     |
| QSLF4875-5U  | 51.2V           | 75Ah           | 50A                | 442x420x222mm     |
| QSLF48100-5U | 51.2V           | 100Ah          | 50A                | 442x420x222mm     |
| QSLF48150-5U | 51.2V           | 150Ah          | 70A                | 442x580x222mm     |
| QSLP48020    | 48V             | 20Ah           | 20A                | 235x155x161mm     |
| QSLP60020    | 60V             | 20Ah           | 20A                | 235x195x170mm     |
| QSLP60032    | 60V             | 32Ah           | 32A                | 280x200x170mm     |
| QSLP72020    | 72V             | 20Ah           | 20A                | 230x260x170mm     |
| QSLP72032    | 72V             | 32Ah           | 32A                | 230x280x170mm     |
| QSLP48100    | 48V             | 100Ah          | 100A               | 560x255x232mm     |
| QSLP6080     | 60V             | 80Ah           | 80A                | 720x255x232mm     |
| QSLP60100    | 60V             | 100Ah          | 100A               | 560x255x232mm     |
| QSLP60120    | 60V             | 100Ah          | 100A               | 520x360x220mm     |
| QSLP72100    | 72V             | 100Ah          | 150A               | 700x384x263mm     |



# Power Wall



## Product parameters

### Basic Parameter

|                       |                        |
|-----------------------|------------------------|
| Model                 | PW01                   |
| MaxDC Voltage         | 58.4V                  |
| Nominal Voltage       | 51.2V                  |
| MPPTVoltage RangeMPPT | 100~500V               |
| MaxInput Current      | 11A                    |
| Weight                | 55Kg/70Kg/85Kg         |
| Capacity              | 5KWH/7KWH/10KWH        |
| Dimension             | Lx W x D:620x693x180mm |

### Electric Parameter

|                         |                                     |
|-------------------------|-------------------------------------|
| Max Charging current    | 50A                                 |
| IP Protection Class IP  | IP54                                |
| Max Discharging Current | 50A                                 |
| Working Temperature     | 0°C~55°C                            |
| Output Power            | 3000W/3680W/5000W                   |
| Output Apparent Power   | 2300W                               |
| Battery Cycle Life      | > 6000times (80%DOD,@25°C)          |
| Noise                   | <45dB                               |
| Interface               | LCDDisplay/RS485 Communication      |
| Warranty                | 5years standard, 10years extendable |



Vehicle-Electricity Integrated Energy Solution: From solar to storage system, from storage to charging station, to battery swap cabinet, to house and to vehicle.

# QSD-JOY SPORT 1+3

● Electric tricycle



**HOT SALE**  
QIANG SHENG

**EEC**

## Product Parameter

|  |   |   |
|--|---|---|
|  <b>Dimension(L-W-H)</b><br>2700*1350*1800mm            |  <b>Motor</b><br>4000W(48V/60V)      |  <b>Shock absorption</b><br>Independent suspension |
|  <b>Brake</b><br>Oil drum brake with hill hold function |  <b>Top speed</b><br>50km/h          |  <b>Battery</b><br>48V/60V 100Ah lithium battery   |
|  <b>Endurance mileage</b><br>100+kms                    |  <b>Loading cp</b><br>1+3 passengers |  <b>Climbing slope</b><br>20°                      |

# QSD-JOY SPORT LOADER

—● Electric tricycle



**NEW  
COMING**  
QIANGSHENG

**EEC**

## Product Parameter

|  |  |   |
|--|--|---|
|  <b>Dimension(L-W-H)</b><br>3100*1280*1710mm            |  <b>Motor</b><br>4000W(48V/60V) |  <b>Shock absorption</b><br>Dedicated suspension |
|  <b>Brake</b><br>Oil drum brake with hill hold function |  <b>Top speed</b><br>50km/h     |  <b>Battery</b><br>60V 100Ah lithium battery     |
|  <b>Endurance mileage</b><br>100+kms                    |  <b>Loading cp</b><br>1000kgs   |  <b>Climbing slope</b><br>25°                    |

# QSD-MASTER 1.2M

Electric tricycle



**HOT SALE**  
DIANS SHENG

**EEC**

## Product Parameter

|   |   |  |
|---|---|--|
|  <b>Dimension(L-W-H)</b><br>2730*1200*1790mm |  <b>Motor</b><br>3000W         |  <b>Shock absorption</b><br>Hydraulic shocker |
|  <b>Brake</b><br>Oil drum brake              |  <b>Top speed</b><br>50km/h    |  <b>Battery</b><br>72V100Ah lithium battery   |
|  <b>Endurance mileage</b><br>100+kms         |  <b>Loading cp</b><br>9persons |  <b>Climbing slope</b><br>20°                 |

# QSD-MASTER

● Electric tricycle



**HOT SALE**  
QIANG SHENG

## Product Parameter

|  |   |  |
|--|---|--|
|  <b>Dimension(L-W-H)</b><br>2800*990*1800mm |  <b>Motor</b><br>1200W (48V)         |  <b>Shock absorption</b><br>Hydraulic shocker |
|  <b>Brake</b><br>Drum brake                 |  <b>Top speed</b><br>40km/h          |  <b>Battery</b><br>48V100Ah                   |
|  <b>Endurance mileage</b><br>100+kms        |  <b>Loading cp</b><br>1+4 passengers |  <b>Climbing slope</b><br>20°                 |

# QSD-TESLA

Electric tricycle



## Product Parameter

|   |  |  |
|---|--|--|
|  <b>Dimension(L-W-H)</b><br>2700*1000*1800mm |  <b>Motor</b><br>1200W (48V)            |  <b>Shock absorption</b><br>Hydraulic shocker |
|  <b>Brake</b><br>Drum brake                  |  <b>Top speed</b><br>35km/h             |  <b>Battery</b><br>60V120Ah                   |
|  <b>Endurance mileage</b><br>120+kms         |  <b>Loading cp</b><br>1D+4-6 passengers |  <b>Climbing slope</b><br>20°                 |

# QSD-X3

Electric tricycle



**EEC**

## Product Parameter

|  |   |  |
|--|---|--|
|  <b>Dimension(L-W-H)</b><br>1500*750*1300mm |  <b>Motor</b><br>500W(48V/60V)       |  <b>Shock absorption</b><br>Hydraulic shocker |
|  <b>Brake</b><br>Drum brake                 |  <b>Top speed</b><br>35km/h          |  <b>Battery</b><br>48V/60V20Ah                |
|  <b>Endurance mileage</b><br>35kms          |  <b>Loading cp</b><br>1+1 passengers |  <b>Climbing slope</b><br>15°                 |

# QSD-X7

Electric tricycle

NEW  
COMING

EEC



## Product Parameter

|  |   |  |
|--|---|--|
|  <b>Dimension(L-W-H)</b><br>2230*910*1100mm |  <b>Motor</b><br>500W(48V/60V)       |  <b>Shock absorption</b><br>Hydraulic shocker |
|  <b>Brake</b><br>Drum brake                 |  <b>Top speed</b><br>35km/h          |  <b>Battery</b><br>48V/60V32Ah                |
|  <b>Endurance mileage</b><br>40kms          |  <b>Loading cp</b><br>1+2 passengers |  <b>Climbing slope</b><br>15°                 |

# QSD-SINMAI

Electric tricycle

**HOT SALE**  
QIANG SHENG



## Product Parameter

|   |   |  |
|---|---|--|
|  <b>Dimension(L-W-H)</b><br>2200*1200*1750mm |  <b>Motor</b><br>800W                |  <b>Shock absorption</b><br>Hydraulic shocker |
|  <b>Brake</b><br>Drum brake                  |  <b>Top speed</b><br>35km/h          |  <b>Battery</b><br>48V/60V32Ah                |
|  <b>Endurance mileage</b><br>50kms           |  <b>Loading cp</b><br>1+2 passengers |  <b>Climbing slope</b><br>15°                 |

# QSD-STARLIGHT

● Electric tricycle

**NEW  
COMING**  
DIANG SHENG



## Product Parameter

|  |   |  |
|--|---|--|
|  <b>Dimension(L-W-H)</b><br>2030*850*1680mm |  <b>Motor</b><br>500W(48V/60V)       |  <b>Shock absorption</b><br>Hydraulic shocker |
|  <b>Brake</b><br>Drum brake                 |  <b>Top speed</b><br>35km/h          |  <b>Battery</b><br>48V/60V32Ah                |
|  <b>Endurance mileage</b><br>50kms          |  <b>Loading cp</b><br>1+2 passengers |  <b>Climbing slope</b><br>15°                 |

# QSD-1.1M

Electric tricycle



## Product Parameter

|  |  |  |
|--|--|--|
|  <b>Dimension(L-W-H)</b><br>2445*950*1160mm |  <b>Motor</b><br>650W(48V/60V)      |  <b>Shock absorption</b><br>Hydraulic shocker |
|  <b>Brake</b><br>Drum brake                 |  <b>Top speed</b><br>40km/h         |  <b>Battery</b><br>48V/60V                    |
|  <b>Endurance mileage</b><br>40kms          |  <b>Loading cp</b><br>1+1 passenger |  <b>Climbing slope</b><br>25°                 |

# QSD-1M FOLDING

● Electric tricycle



## Product Parameter

|  |   |  |
|--|---|--|
|  <b>Dimension(L-W-H)</b><br>0.8m/0.9m |  <b>Motor</b><br>650W                |  <b>Shock absorption</b><br>Hydraulic shocker |
|  <b>Brake</b><br>Drum brake           |  <b>Top speed</b><br>40km/h          |  <b>Battery</b><br>48V/60V                    |
|  <b>Endurance mileage</b><br>40kms    |  <b>Loading cp</b><br>1+2 passengers |  <b>Climbing slope</b><br>25°                 |

# QSD-BULL

● Electric tricycle



**EEC**

## Product Parameter

|   |  |  |
|---|--|--|
|  <b>Dimension(L-W-H)</b><br>1.3m/1.5m/1.6m/1.7m/1.8m |  <b>Motor</b><br>800W/1000W/1200W/1500W |  <b>Shock absorption</b><br>Hydraulic shocker |
|  <b>Brake</b><br>Drum brake                          |  <b>Top speed</b><br>40km/h             |  <b>Battery</b><br>48V/60V                    |
|  <b>Optional</b><br>Hydraulic self-unloading         |  <b>Loading cp</b><br>800-1000kgs       |  <b>Climbing slope</b><br>25°                 |

# QSD-DUMPER

● Electric tricycle



## Product Parameter

|  |   |  |
|--|---|--|
|  <b>Dimension(L-W-H)</b><br>1.6m/1.7m/1.8m/2.2m |  <b>Motor</b><br>1000W/1200W/1500W |  <b>Shock absorption</b><br>Hydraulic shocker |
|  <b>Brake</b><br>Drum brake                     |  <b>Top speed</b><br>40km/h        |  <b>Battery</b><br>48V/60V                    |
|  <b>Optional</b><br>Hydraulic self-unloading    |  <b>Loading cp</b><br>800-1500kgs  |  <b>Climbing slope</b><br>25°                 |

# QSD-2.2M LOADER

● Electric tricycle



## Product Parameter

|   |  |  |
|---|--|--|
|  <b>Dimension(L-W-H)</b><br>3800*1400*1520mm |  <b>Motor</b><br>3000W      |  <b>Shock absorption</b><br>Hydraulic shocker |
|  <b>Brake</b><br>Oil drum brake              |  <b>Top speed</b><br>40km/h |  <b>Battery</b><br>72V gel battery            |
|  <b>Endurance mileage</b><br>100+kms         |  <b>Loading cp</b><br>2tons |  <b>Climbing slope</b><br>25°                 |

# QSD-CAP LOADER

● Electric tricycle



## Product Parameter

|   |  |   |                                   |  |
|---|--|---|-----------------------------------|--|
|  | <b>Dimension(L-W-H)</b><br>1.7m*1.2m/1.8m*1.3m |  | <b>Motor</b><br>2000W             |  <b>Shock absorption</b><br>Hydraulic shocker |
|  | <b>Brake</b><br>Drum brake                     |  | <b>Top speed</b><br>45km/h        |  <b>Battery</b><br>48V/60V/72V                |
|  | <b>Endurance mileage</b><br>100+kms            |  | <b>Loading cp</b><br>1000-1500kgs |  <b>Climbing slope</b><br>25°                 |

# QSD-BEATLES

● Electric tricycle



## Product Parameter

|   |   |  |
|---|---|--|
|  <b>Dimension(L-W-H)</b><br>3030*1160*1750mm |  <b>Motor</b><br>1000W       |  <b>Shock absorption</b><br>Hydraulic shocker |
|  <b>Brake</b><br>Drum brake                  |  <b>Top speed</b><br>40km/h  |  <b>Battery</b><br>48V/60V/72V                |
|  <b>Endurance mileage</b><br>100+kms         |  <b>Loading cp</b><br>800kgs |  <b>Climbing slope</b><br>25°                 |

# QSD-CABIN LOADER

● Electric tricycle

**EEC**



## Product Parameter

|   |   |  |
|---|---|--|
|  <b>Dimension(L-W-H)</b><br>1.6m/1.7m/1.8m |  <b>Motor</b><br>1200W/1500W/2000W |  <b>Shock absorption</b><br>Hydraulic shocker |
|  <b>Brake</b><br>Drum brake                |  <b>Top speed</b><br>40km/h        |  <b>Battery</b><br>48V/60V/72V                |
|  <b>Endurance mileage</b><br>100+kms       |  <b>Loading cp</b><br>800-1500kgs  |  <b>Climbing slope</b><br>25°                 |

# QSD-SOLAR LOADER

● Electric tricycle



## Product Parameter

|   |   |  |
|---|---|--|
|  <b>Dimension(L-W-H)</b><br>Tank 1.5m/1.6m/1.7m/1.8m |  <b>Motor</b><br>1000W/1200W/1500W/2000W |  <b>Shock absorption</b><br>Hydraulic shocker |
|  <b>Brake</b><br>Drum brake                          |  <b>Top speed</b><br>40km/h              |  <b>Battery</b><br>60V/72V                    |
|  <b>Endurance mileage</b><br>100+kms                 |  <b>Loading cp</b><br>500+kgs            |  <b>Climbing slope</b><br>15°                 |

# QSD-DELIVERY

● Electric tricycle



**EEC**

## Product Parameter

|  |   |  |
|--|---|--|
|  <b>Dimension(L-W-H)</b><br>1.5m/1.8m |  <b>Motor</b><br>1200W/1500W/2000W |  <b>Shock absorption</b><br>Hydraulic shocker |
|  <b>Brake</b><br>Drum brake           |  <b>Top speed</b><br>45km/h        |  <b>Battery</b><br>48V/60V/72V                |
|  <b>Endurance mileage</b><br>100+kms  |  <b>Loading cp</b><br>800-1500kgs  |  <b>Climbing slope</b><br>25°                 |

# QSD-CLEANER

Electric tricycle



## Product Parameter

|   |   |  |
|---|---|--|
|  <b>Dimension(L-W-H)</b><br>Customized |  <b>Motor</b><br>1000W/1200W |  <b>Shock absorption</b><br>Hydraulic shocker |
|  <b>Brake</b><br>Drum brake            |  <b>Top speed</b><br>40km/h  |  <b>Battery</b><br>48V/60V/72V                |
|  <b>Endurance mileage</b><br>100+kms   |  <b>Loading cp</b><br>800kgs |  <b>Climbing slope</b><br>25°                 |

# QSD-X3

Electric motorcycle

EEC



## Product Parameter

|                  |                          |
|------------------|--------------------------|
| Motor power      | 3000W                    |
| Battery          | 72V35AH(Lithium battery) |
| Maximum speed    | 80km/h                   |
| Running distance | 80km                     |
| Tyre size        | 100/80-17                |
| Braking mode     | Front&Rear disc brake    |

|                  |                 |
|------------------|-----------------|
| Empty car weight | 85KG            |
| Vehicle weight   | <130kg          |
| Bearing weight   | 150KG           |
| Vehicle size     | 1915x750x1170mm |
| Packing size     | 1700x460x1000mm |
| Charging time    | 3hrs            |

# QSD-Z1

Electric motorcycle

**EEC**



## Product Parameter

|                  |                          |                  |                 |
|------------------|--------------------------|------------------|-----------------|
| Motor power      | Mid-mounted 3000W        | Empty car weight | 85KG            |
| Battery          | 72V35AH(Lithium battery) | Vehicle weight   | <105kg          |
| Maximum speed    | 80km/h                   | Bearing weight   | 150KG           |
| Running distance | 80-120km                 | Vehicle size     | 1915x750x1170mm |
| Tyre size        | F90/90-17 R 120/70-17    | Packing size     | 1700x460x1000mm |
| Braking mode     | Front&Rear disc brake    | Charging time    | 3hrs            |

# QSD-Z3

Electric motorcycle



## Product Parameter

|                  |                            |
|------------------|----------------------------|
| Motor power      | Mid-mounted 5000W          |
| Battery          | 2x72V35AH(Lithium battery) |
| Maximum speed    | 100km/h                    |
| Running distance | 160km                      |
| Tyre size        | F110/70-17 R 140/60-17     |
| Braking mode     | Front &Rear disc brake     |

|                  |                 |
|------------------|-----------------|
| Empty car weight | 145KG           |
| Vehicle weight   | <130kg          |
| Bearing weight   | 150KG           |
| Vehicle size     | 1915x750x1170mm |
| Packing size     | 1700x460x1000mm |
| Charging time    | 1.5hrs          |

# QSD-V6

Electric motorcycle

**EEC**



## Product Parameter

|                 |                          |
|-----------------|--------------------------|
| Max Speed       | 75-80km/h                |
| Motor           | YUMA 3000W               |
| Battery         | ACID Battery             |
| Tire Size       | F:110/70-17 R: 140/70-17 |
| Shockabsorption | Hydraulic shocker        |

|                  |                 |
|------------------|-----------------|
| Max Range        | 45-50km         |
| Controller       | Votol 100S      |
| Capacity         | 72V32AH         |
| Brake            | DiscBrake       |
| Motorcycle Size: | 2050x700x1000MM |

# QSD-A1-4

● Electric motorcycle



## Product Parameter

|                   |                        |
|-------------------|------------------------|
| Max Speed:        | 75-80km/h              |
| Motor:            | YUMA3000W              |
| Battery:          | ACID Battery           |
| Tire Size:        | F:110/70-17R:140/70-17 |
| Shock absorption: | Hydraulic shocker      |
| Max Range:        | 45-50km                |
| Controller:       | Votol 100S             |
| Capacity:         | 72V32AH                |
| Brake:            | DiscBrake              |
| Motorcycle Size:  | 2050x700x1000MM        |

## Product Parameter

|                   |                          |
|-------------------|--------------------------|
| Max Speed:        | 75-80km/h                |
| Motor:            | YUMA3000W                |
| Battery:          | ACID Battery             |
| Tire Size:        | F:110/70-17 R: 140/70-17 |
| Shock absorption: | Hydraulic shocker        |
| Max Range:        | 45-50km                  |
| Controller:       | Votol 100S               |
| Capacity:         | 72V32AH                  |
| Brake:            | DiscBrake                |
| Motorcycle Size:  | 2000x780x1050MM          |

# QSD-DMS

● Electric motorcycle



# QSD-SWAN

Electric motorcycle



## Product Parameter

|                   |                           |
|-------------------|---------------------------|
| Max Speed:        | 45km/h                    |
| Motor:            | ANCHI1000W10inch          |
| Battery:          | ACID Battery              |
| Tire Size:        | Front and rear 3.0-10inch |
| Shock absorption: | Hydraulic shocker         |
| Max Range:        | 45-50km                   |
| Controller:       | ZHUOTENG12G               |
| Capacity:         | 60V20AH                   |
| Brake:            | Disc Brake front and rear |
| Motorcycle Size:  | 2050x700x1000MM           |

## Product Parameter

|                   |                           |
|-------------------|---------------------------|
| Max Speed:        | 45km/h                    |
| Motor:            | ANCHI1000W10inch          |
| Battery:          | ACID Battery              |
| Tire Size:        | Front and rear 3.0-10inch |
| Shock absorption: | Hydraulic shocker         |
| Max Range:        | 45-50km                   |
| Controller:       | ZHUOTENG12G               |
| Capacity:         | 60V20AH                   |
| Brake:            | Disc Brake front and rear |
| Motorcycle Size:  | 1990x710x1100MM           |

# QSD-VSP

Electric motorcycle



# QSD-LG

Electric motorcycle



## Product Parameter

|                   |                            |
|-------------------|----------------------------|
| Max Speed:        | 45km/h                     |
| Motor:            | ANCHI 1000W                |
| Battery:          | ACID Battery               |
| Tire Size:        | Front and rear 3.0-10 Inch |
| Shock absorption: | Hydraulic shocker          |
| Max Range:        | 45 km                      |
| Controller:       | ZHUOTENG 12G               |
| Capacity:         | 60V20AH                    |
| Brake:            | Disc Brake front and rear  |
| Motorcycle Size:  | 1840x760x1000MM            |

## Product Parameter

|                   |                            |
|-------------------|----------------------------|
| Max Speed:        | 45km/h                     |
| Motor:            | ANCHI 1000W                |
| Battery:          | ACID Battery               |
| Tire Size:        | Front and rear 3.0-10 Inch |
| Shock absorption: | Hydraulic shocker          |
| Max Range:        | 45 km                      |
| Controller:       | ZHUOTENG 12G               |
| Capacity:         | 60V20AH                    |
| Brake:            | Disc Brake front and rear  |
| Motorcycle Size:  | 1840x760x1000MM            |

# QSD-VESPA

Electric motorcycle



## QSD-DJ9

Electric motorcycle



**EEC**

### Product Parameter

|                   |                            |
|-------------------|----------------------------|
| Max Speed:        | 45km/h                     |
| Motor:            | ANCHI 1000W                |
| Battery:          | ACID Battery               |
| Tire Size:        | Front and rear 3.0-10 Inch |
| Shock absorption: | Hydraulic shocker          |
| Max Range:        | 45 km                      |
| Controller:       | ZHUOTENG 12G               |
| Capacity:         | 60V20AH                    |
| Brake:            | Disc Brake front and rear  |
| Motorcycle Size:  | 1740x700x100MM             |

### Product Parameter

|                   |                            |
|-------------------|----------------------------|
| Max Speed:        | 45km/h                     |
| Motor:            | ANCHI 1000W                |
| Battery:          | ACID Battery               |
| Tire Size:        | Front and rear 3.0-10 Inch |
| Shock absorption: | Hydraulic shocker          |
| Max Range:        | 45 km                      |
| Controller:       | ZHUOTENG 12G               |
| Capacity:         | 60V20AH                    |
| Brake:            | Disc Brake front and rear  |
| Motorcycle Size:  | 1700x740x900MM             |

## QSD-ZS

Electric motorcycle



**EEC**

# QSD-M75

Electric bicycle



## Product Parameter

|                   |                               |
|-------------------|-------------------------------|
| Motor :           | 1200W                         |
| Controller:       | 12 tube                       |
| Brake:            | F Disc Brake R 110 Drum Brake |
| Shock absorption: | Hydraulic shocker             |
| Tire:             | 3.00-10 tubeless tire         |
| Max speed:        | 40km/h                        |
| Battery:          | 48V/60V gel battery           |

# QSD-M76

Electric bicycle



## Product Parameter

|                   |                        |
|-------------------|------------------------|
| Motor :           | 1000W                  |
| Controller:       | 12 tube                |
| Brake:            | F&R Disc Brake         |
| Shock absorption: | Hydraulic shocker      |
| Tire:             | 90/90-12 tubeless tire |
| Max speed:        | 40km/h                 |
| Battery:          | 48V/60V gel battery    |



# QSD-M77

Electric bicycle



## Product Parameter

|                   |                      |
|-------------------|----------------------|
| Motor :           | 600W                 |
| Controller:       | 6 tube               |
| Brake:            | F&R Drum Brake       |
| Shock absorption: | Hydraulic shocker    |
| Tire:             | 14*2.5 tubeless tire |
| Max speed:        | 40km/h               |
| Battery:          | 48V/60V gel battery  |

# QSD-M78

Electric bicycle



## Product Parameter

|                   |                      |
|-------------------|----------------------|
| Motor :           | 800W                 |
| Controller:       | 9 tube               |
| Brake:            | F&R 110 Drum Brake   |
| Shock absorption: | Hydraulic shocker    |
| Tire:             | 20*2.5 tubeless tire |
| Max speed:        | 40km/h               |
| Battery:          | 48V gel battery      |

## QSD-M79

Electric bicycle



### Product Parameter

|                   |                       |
|-------------------|-----------------------|
| Motor :           | 600W                  |
| Controller:       | 6 tube                |
| Brake:            | F&R Drum Brake        |
| Shock absorption: | Hydraulic shocker     |
| Tire:             | 14*2.75 tubeless tire |
| Max speed:        | 40km/h                |
| Battery:          | 48V/60V gel battery   |

## QSD-M80

Electric bicycle



### Product Parameter

|                   |                         |
|-------------------|-------------------------|
| Motor :           | 600W                    |
| Controller:       | 8 tube                  |
| Brake:            | F&R Disc Brake          |
| Shock absorption: | Hydraulic shocker       |
| Tire:             | 14*2.5 tubeless tire    |
| Max speed:        | 40km/h                  |
| Battery:          | 48V/60V/72V gel battery |



# QSD-K3

● Fuel powered tricycle



## Product Parameter

Engine (Displacement): 150cc, Water cooling, 4-Stroke

Max Power (hp/rpm): 10.7/8500 hp/rpm

Starter: Electric/Kick

Wheelbase(mm): 2400 mm

Min Ground Clearance(mm): 170 mm

Transmission: Shaft

Rear Axle: Floating Stamping Rear Axle (with Booster)

Front Absorber: Coil Spring and shock Absorber

Max Speed (km/h):  $\geq 60$  km/h

Cargo Box LxWxH(mm):2000x1350x400 mm

Fuel Tank Capacity (Fuel Type):14L(Gasoline)

Max Power (kw/rpm): 8.0/8500 kw/rpm

Max Torque (N.m/rpm): 9.8/7500 N.m/rpm

LxWxH(mm): 3500x1425x1490 mm

Rear Wheel Track (mm): 1150 mm

Net Weight (kg): 399 kg

Frame: Main Frame 40x80 mm

Brake: Front/Rear Drum

Rear Suspension: Leaf Spring and Damper

Tire: Front/Rear 5.00-12

Max Loading Capacity:  $\leq 1000$  kg

Fuel Economical consumption: $\leq 3.9$  L/100km

# QSD-Q1

● Fuel powered tricycle



## Product Parameter

Engine (Displacement): 150cc, Air cooling, 4-Stroke

Max Power (hp/rpm): 10.7/8500 hp/rpm

Starter: Electric/Kick

Wheelbase(mm): 2230 mm

Min Ground Clearance(mm): 170 mm

Transmission: Shaft

Rear Axle: Floating Stamping Rear Axle (with Booster)

Front Absorber: Coil Spring and shock Absorber

Max Speed (km/h):  $\geq 55$  km/h

Cargo Box LxWxH(mm):1700x1250x300 mm

Fuel Tank Capacity (Fuel Type):13 L(Gasoline)

Container Loading Quantity:45 units in SKD in 40 HC

Max Power (kw/rpm): 8.0/8500 kw/rpm

Max Torque (N.m/rpm): 9.8/7500 N.m/rpm

LxWxH(mm): 3360x1299x1350 mm

Rear Wheel Track (mm): 1150 mm

Net Weight (kg): 360 kg

Frame: Main Frame 40x80 mm

Brake: Front/Rear Drum

Rear Suspension: Leaf Spring and Damper

Tire: FrontRear 4.50-12

Max Loading Capacity:  $\leq 600$  kg

Fuel Economical consumption: $\leq 3.4$  L/100km

# QSD-HANHOO

● Fuel powered tricycle



## Product Parameter

Engine (Displacement): 200cc, Water cooling, 4-Stroke

Max Power (hp/rpm): 13.1/7500 hp/rpm

Starter: Electric/Kick

Wheelbase(mm): 2400 mm

Min Ground Clearance(mm): 170 mm

Transmission: Shaft

Rear Axle: Floating Stamping Rear Axle (with Booster)

Front Absorber: Coil Spring and shock Absorber

Max Speed (km/h):  $\geq 60$  km/h

Cargo Box LxWxH(mm):2000x1350x400 mm

Fuel Tank Capacity (Fuel Type):14L(Gasoline)

Container Loading Quantity:40 units in SKD in 40HC

Max Power (kw/rpm): 9.8/7500 kw/rpm

Max Torque (N.m/rpm): 14.8/5500 N.m/rpm

LxWxH(mm): 3500x1425x1490 mm

Rear Wheel Track (mm): 1150 mm

Net Weight (kg): 399 kg

Frame: Main Frame 40x80 mm

Brake: Front/Rear Drum

Rear Suspension: Leaf Spring and Damper

Tire: Front/Rear 5.00-12

Max Loading Capacity:  $\leq 1000$  kg

Fuel Economical consumption: $\leq 3.9$  L/100km

# QSD-NIMBA

● Fuel powered tricycle



## Product Parameter

Engine (Displacement): 250cc, Water cooling, 4-Stroke

Max Power (hp/rpm): 14.7/6500 hp/rpm

Starter: Electric/Kick

Wheelbase(mm): 2400 mm

Min Ground Clearance(mm): 170 mm

Transmission: Shaft

Rear Axle: Floating Stamping Rear Axle (with Booster)

Front Absorber: Coil Spring and shock Absorber

Max Speed (km/h):  $\geq 60$  km/h

Cargo Box LxWxH(mm): 2000x1350x400 mm

Fuel Tank Capacity (Fuel Type): 20 L (Gasoline)

Container Loading Quantity: 37 units in SKD in 40HC

Max Power (kw/rpm): 10.8/6500 kw/rpm

Max Torque (N.m/rpm): 18.5/4500 N.m/rpm

LxWxH(mm): 3450x1425x1490 mm

Rear Wheel Track (mm): 1150 mm

Net Weight (kg): 420 kg

Frame: Main Frame 40x80 mm

Brake: Front/Rear Drum

Rear Suspension: Leaf Spring and Damper

Tire: Front/Rear 5.00-12

Max Loading Capacity:  $\leq 1000$  kg

Fuel Economical consumption:  $\leq 4.4$  L/100km

# QSD-KINGHOO

● Fuel powered tricycle



## Product Parameter

Engine (Displacement): 250cc, Water cooling, 4-Stroke

Max Power (hp/rpm): 14.7/6500 hp/rpm

Starter: Electric/Kick

Wheelbase(mm): 2540 mm

Min Ground Clearance(mm): 162 mm

Transmission: Shaft

Rear Axle: Floating Stamping Rear Axle (with Booster)

Front Absorber: Coil Spring and shock Absorber

Max Speed (km/h):  $\geq 60$  km/h

Cargo Box LxWxH(mm): 2200x1350x400 mm

Fuel Tank Capacity (Fuel Type): 17L (Gasoline)

Max Power (kw/rpm): 10.8/6500 kw/rpm

Max Torque (N.m/rpm): 18.5/4500 N.m/rpm

LxWxH(mm): 3500x1400x1860 mm

Rear Wheel Track (mm): 1150 mm

Net Weight (kg): 399 kg

Frame: Main Frame 40x80 mm

Brake: Front/Rear Drum

Rear Suspension: Leaf Spring and Damper

Tire: Front/Rear 5.00-12

Max Loading Capacity:  $\leq 1000$  kg

Fuel Economical consumption:  $\leq 4.3$  L/100km

# QSD-TEDHU

● Fuel powered tricycle



## Product Parameter

Engine (Displacement): 250cc, Water cooling, 4-Stroke

Max Power (hp/rpm): 14.7/6500 hp/rpm

Starter: Electric/Kick

Wheelbase(mm): 2540mm

Min Ground Clearance(mm): 162 mm

Transmission: Shaft

Rear Axle: Floating Stamping Rear Axle

Front Absorber: Coil Spring and shock Absorber

Max Speed (km/h):  $\geq 60$  km/h

Cargo Box LxWxH(mm): 2200 × 1420 × 390mm

Fuel Tank Capacity (Fuel Type): 24L (Gasoline)

Max Power (kw/rpm): 10.8/6500 kw/rpm

Max Torque (N.m/rpm): 18.5/4500 N.m/rpm

LxWxH(mm): 3800 × 1500 × 1830mm

Rear Wheel Track (mm): 1150mm

Net Weight (kg): 660kg

Frame: Main Frame 48\*80mm

Brake: Front/Rear Drum

Rear Suspension: Leaf Spring and Damper

Tire: Front/Rear 5.00-12

Max Loading Capacity:  $\leq 1000$ kg

Fuel Economical consumption:  $\leq 14.2$ L/100km

# QS-Q4

EEC



The high-strength and high-quality ABS and PP engineering plastics.  
Which are environmental protection, safe and firm.



| Configuration           | QS-Q4  |
|-------------------------|--|
| LxWxH(Mm)               | 2434x1255x1652                               |
| Weight(Without Battery) | 341KG  |
| Motor Power             | 2000W  |
| Battery                 | 60V58Ah lead-acid battery                    |
| Max.Speed               | 45 KM/H                                      |
| Steering Mode           | Middle Steering Wheel                        |
| Tire Size               | Front: 125/65-12    Rear: 125/65-12          |
| Range                   | 80KM   |
| Loading Quantity        | 40HQ 8PCS 20GP 2PCS                          |
| Electric Windows        | ●  |
| Reversing Camera        | ●  |
| Electric Heater         | 800W heater                                  |
| Function Device         | Mutil-media(MP3+MP4+F/M+USB)    Central Lock |

NOTE: ●YES ○NO

# QS-X4



The high-strength and high-quality ABS and PP engineering plastics. Which are environmental protection, safe and firm.



| Configuration           | QS-X4  |
|-------------------------|--|
| LxWxH(Mm)               | 2549x1154x1524                               |
| Weight(Without Battery) | 317KG  |
| Motor Power             | 2000W  |
| Battery                 | 60V58Ah lead-acid battery                    |
| Max.Speed               | 45 KM/H                                      |
| Steering Mode           | Middle Steering Wheel                        |
| Tire Size               | Front: <b>110/70-12</b> Rear: <b>4.50-10</b> |
| Range                   | 80KM   |
| Loading Quantity        | 40HQ 10PCS 20GP 2PCS                         |
| Electric Windows        | ●  |
| Reversing Camera        | ●  |
| Electric Heater         | 800W heater                                  |
| Function Device         | Mutil-media(MP3+MP4+F/M+USB)    Central Lock |

NOTE: ●YES ○NO

# QS-Y3

EEC



The high-strength and high-quality abs and pp engineering plastics which are environmental protection, safe and firm.



| Configuration           | QS-Y3                                     |
|-------------------------|---|
| LxWxH(Mm)               | 2180×1050×1600                            |
| Weight(Without Battery) | 195(without door)                         |
| Motor Power             | 1500W                                     |
| Battery                 | 60V45Ah lead-acid battery                 |
| Max.Speed               | 45KM/H                                    |
| Steering Mode           | Middle steering handle                    |
| Tire Size               | Front:110/70-12    Rear:4.5-10            |
| Range                   | 70KM                                      |
| Loading Quantity        | 40HQ 10PCS 20GP 5PCS                      |
| Electric Windows        | ○   |
| Reversing Camera        | ●   |
| Electric Heater         | 800W heater                               |
| Function Device         | Mutil-media(MP3+MP4+F/M+USB) Central Lock |

NOTE: ●YES ○NO

# QS-B3

EEC



The high-strength and high-quality abs and pp engineering plastics, which are environmental protection, safe and firm.



**QSD**

| Configuration           | QS-B3  |
|-------------------------|--|
| LxWxH(Mm)               | 2360×1200×1620                               |
| Weight(Without Battery) | 294  |
| Motor Power             | 1500W  |
| Battery                 | 60V58Ah lead-acid battery                    |
| Max.Speed               | 45 KM/H                                      |
| Steering Mode           | Middle Steering Wheel                        |
| Tire Size               | Front: 130/60-13M/S    Rear: 135/70-12       |
| Range                   | 80KM   |
| Loading Quantity        | 40HQ 9PCS 20GP 2PCS                          |
| Electric Windows        | ●  |
| Reversing Camera        | ●  |
| Electric Heater         | 800W heater                                  |
| Function Device         | Mutil-media(MP3+MP4+F/M+USB)    Central Lock |

NOTE: ●YES ○NO

# QS-Q3

EEC



The high-strength and high-quality abs and pp engineering plastics,  
Which are environmental protection, safe and firm.



| Configuration           | QS-Q3  |
|-------------------------|--|
| LxWxH(Mm)               | 2434x1255x1652                               |
| Weight(Without Battery) | 290KG  |
| Motor Power             | 1500W  |
| Battery                 | 60V58Ah lead-acid battery                    |
| Max.Speed               | 45 KM/H                                      |
| Steering Mode           | Middle Steering Wheel                        |
| Tire Size               | Front: 130/60-13M/S    Rear: 135/70-12       |
| Range                   | 80KM   |
| Loading Quantity        | 40HQ 10PCS 20GP 2PCS                         |
| Electric Windows        | ●  |
| Reversing Camera        | ●  |
| Electric Heater         | 800W heater                                  |
| Function Device         | Mutil-media(MP3+MP4+F/M+USB)    Central Lock |

NOTE: ●YES ○NO

# QS-B4



The high-strength and high-quality ABS and PP engineering plastics. Which are environmental protection, safe and firm.



| Configuration           | QS-B4  |
|-------------------------|--|
| LxWxH(Mm)               | 2650x1199x1625                                 |
| Weight(Without Battery) | 311KG  |
| Motor Power             | 2000W  |
| Battery                 | 60V58Ah  |
| Max.Speed               | 45 KM/H  |
| Steering Mode           | Middle Steering Wheel                          |
| Tire Size               | Front: <b>135-70-12</b> Rear: <b>135-70-12</b> |
| Range                   | 80KM   |
| Loading Quantity        | 40HQ 8PCS 20GP 2PCS                            |
| Electric Windows        | ●  |
| Reversing Camera        | ●  |
| Electric Heater         | 800W heater                                    |
| Function Device         | Mutil-media(MP3+MP4+F/M+USB)    Central Lock   |

NOTE: ●YES ○NO



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