



# Cargo Scooter

## S10/S20

Electric Mobility Research  
& Development Design & Manufacture





Professional  
manufacturing team



Structural  
appearance design



Excellent products  
reliable quality



9+ Year Scooter Factory  
OEM&ODM Experience

## Application Scenarios



Specific Activities



Short-Trip



Delivery



Intra-site Transport

## More Color



 Lemon-yellow



 Hat shell blue



 Pearl White



 Thin Blue



 Olive Green



 Burgundy Red

## Geometric dimensions



• S20-15



• S20-17



• S20-19

# Product Parameters

| TYPE                                 | S20-15                                                          | S20-17          | S20-19          |
|--------------------------------------|-----------------------------------------------------------------|-----------------|-----------------|
| L×W×H                                | 1500*680*1100mm                                                 | 1700*680*1100mm | 1900*680*1100mm |
| Wheelbase                            | 1045mm                                                          | 1045mm          | 1335mm          |
| Rear Shelf Dimensions                | 360*350mm                                                       | 490*500mm       | 690*500mm       |
| Footboard Clearance                  | 270mm                                                           |                 |                 |
| Footboard Length                     | 500mm                                                           |                 |                 |
| Ground Clearance                     | 177mm                                                           |                 |                 |
| Seat To Footboard Height             | 420mm                                                           |                 |                 |
| Handlebar Center To Footboard Height | 750mm                                                           |                 |                 |
| Vehicle Frame Material               | Q235 Bent Pipe Welded Frame                                     |                 |                 |
| Arm Material                         | 6061 Forged Aluminum                                            |                 |                 |
| Battery Type                         | 21700 CAN Communication                                         |                 |                 |
| Battery Capacity                     | 48V 27A*2                                                       |                 |                 |
| Motor Type                           | Bridge Type Differential Mechanism Motor                        |                 |                 |
| Rated Power                          | 48V 500W 800W — Optional                                        |                 |                 |
| Differential Speed Ratio             | 8 To 1                                                          |                 |                 |
| Controller Type                      | 48V 30A Can Communication                                       |                 |                 |
| Charger Type                         | 54.6V 4A Can Communication                                      |                 |                 |
| Display                              | One Line LED Screen / TFT LCD Screen                            |                 |                 |
| Tire                                 | 13 Inch Tubeless Tire*4                                         |                 |                 |
| Maximum Speed                        | 25km/h                                                          |                 |                 |
| Range                                | Single Battery Pack Range 40km(Supports Two Battery Packs 80km) |                 |                 |
| Maximum Climbing Angle               | 15°                                                             |                 |                 |

## Product details

# Instrument Display



NFC Keyless



SOC  
battery display



3-speed  
transmission



Total  
mileage display



LED/TFT Optional

# Function Keys

Easy to operate and  
convenient to drive

## Left Combination Switch



Steep slope  
descent key



L/R turn signal  
switches



P button



Speaker buttons



## Right combination switch



Hazard alarm double  
flash light switch



123 gear  
switching switch

R D Reverse gear



Speed control knob



# Structure



## Adjustable handlebars with adjustable front and rear angles

Driving is more convenient and comfortable



## Sliding rail seat

Provide more spacious legroom for more comfortable driving



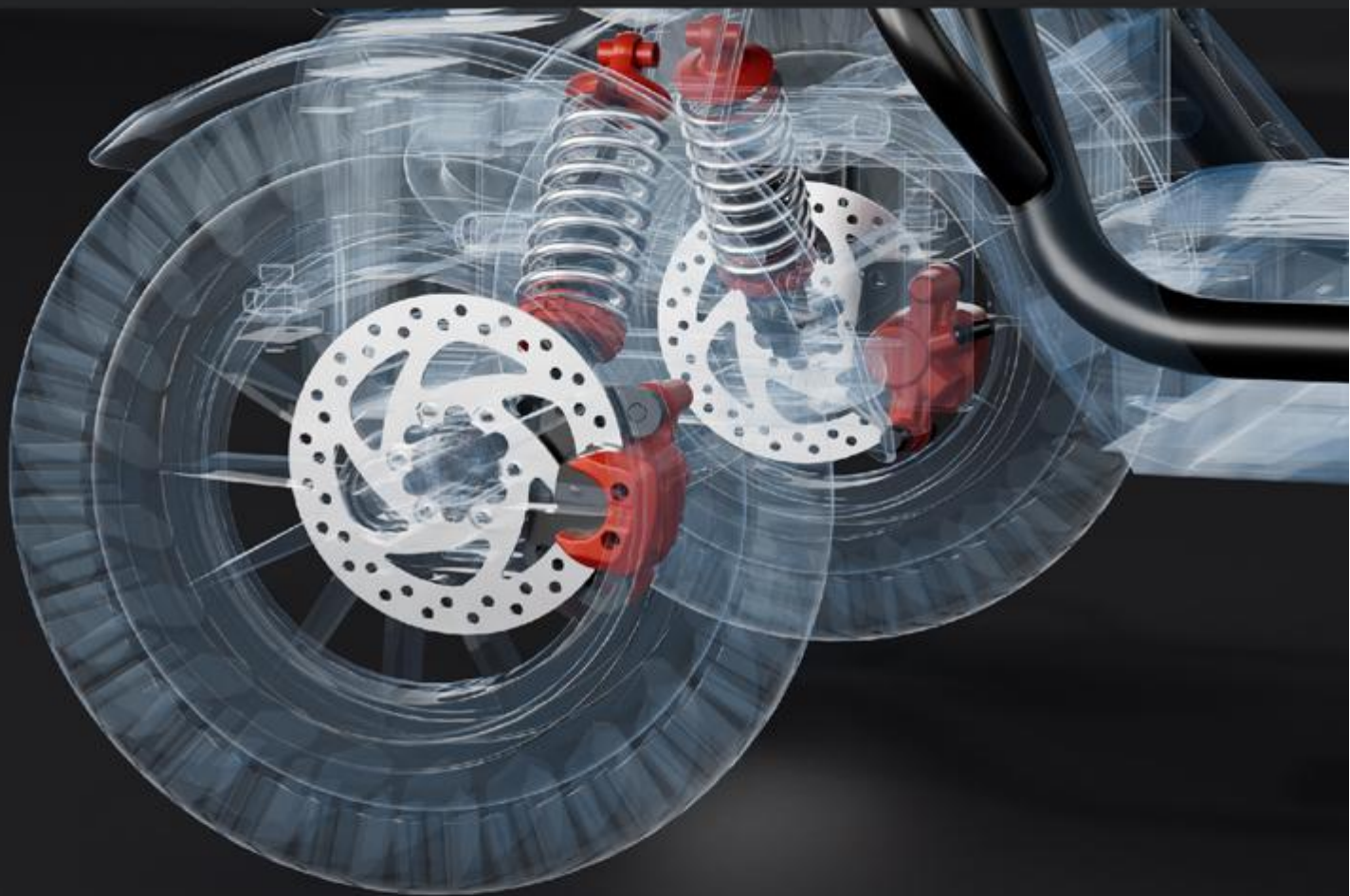
### **Double wishbone independent suspension**

Adapt to complex road conditions, excellent lateral stability,  
and higher forging strength of aluminum alloy



### **Aluminum alloy cast wide tire hub**

Having higher airtightness and strength,  
Stronger carrying capacity



## **13 inch wheels are equipped with oil brakes**

The hydraulic system transmits pressure, resulting in greater and more stable braking force

# Lighting Introduction

**E-mark** Authentication

5.5W high brightness  
LED headlights





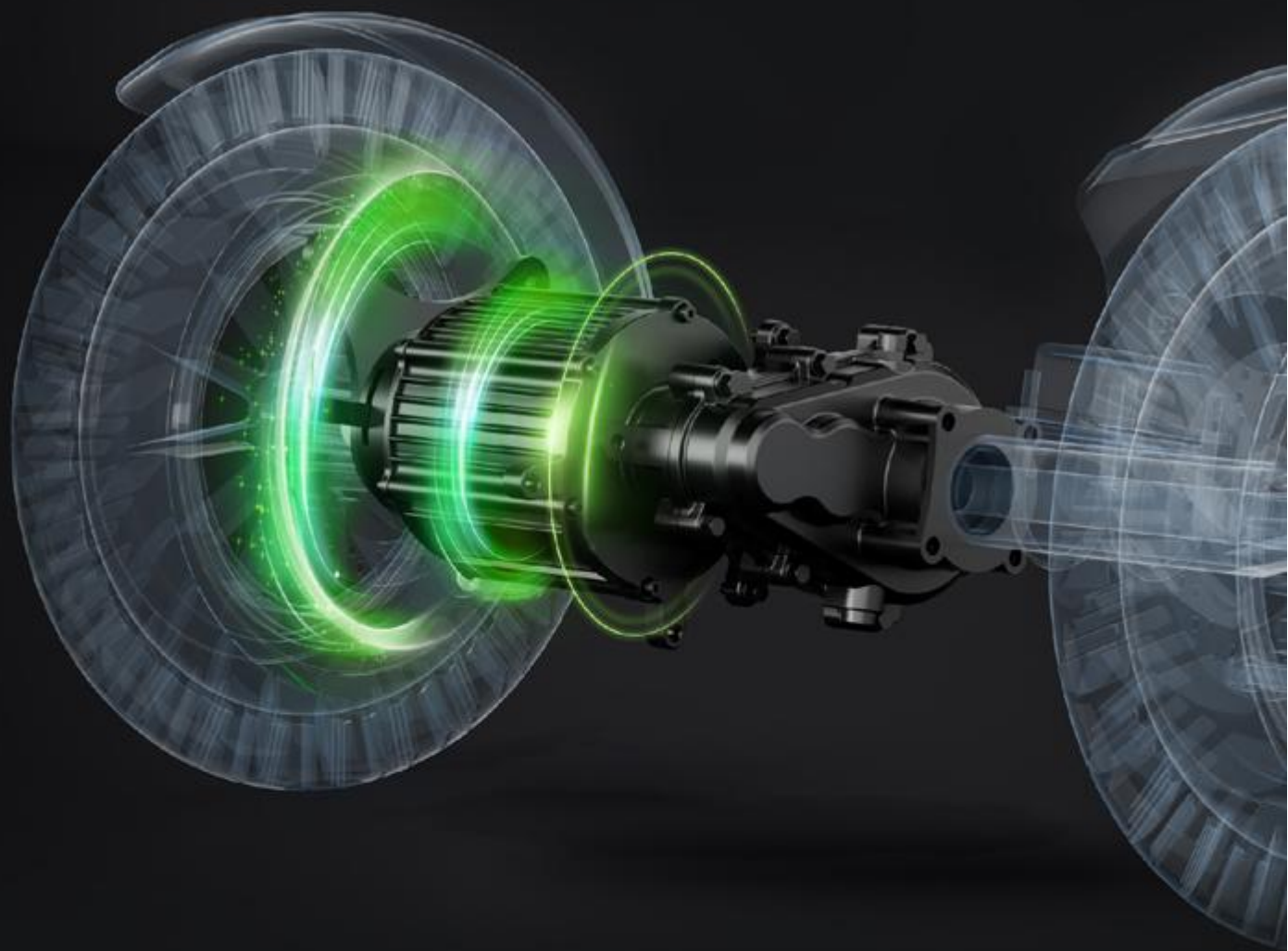
Front and rear left and right  
sides 1W turn signal light



# Differential Motor

High Speed Permanent  
Magnet Gear Motor

Rear axle motor equipped with differential  
Stable cornering and easy handling



500W/800W Optional

# Quick Access Battery

**48V27AH**

Lithium Battery

**80km**

Endurance

Supports independent and parallel charging  
and discharging functions, allowing for direct battery replacement



# Cargo Scooter Frame

The frame is equipped with a clamping structure, which allows for free replacement of cargo boxes with different sizes and functions, enabling the vehicle to adapt to various work scenarios

