



**WINLEE**

ELECTRIC SCOOTER  
CATALOG

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ENGINEERED FOR DAILY POWER

# BRAND INTRODUCTION

ENGINEERED FOR DAILY POWER

Founded in **2015**, WINLEE Electric Vehicle Co., Ltd. is a professional manufacturer and exporter specializing in electric scooters, electric motorcycles, and electric tricycles.

Backed by years of industry expertise, the company integrates product research and development, manufacturing, quality inspection, and international sales into a complete production system.

With a strong focus on innovation, durability, and market-oriented design, WINLEE is committed to providing reliable electric mobility solutions for global customers and continuously expanding its presence in overseas markets.



#### RELIABLE QUALITY

Strict quality control ensures stable and reliable products.



#### ADVANCED MANUFACTURING

Modern production equipment and skilled team guarantee high efficiency and consistency.



#### GLOBAL EXPORT

Products are exported to many countries and regions with growing market recognition.



#### PROFESSIONAL SERVICE

Dedicated team provides efficient support and after-sales service.

# PRODUCT LINEUP

ENGINEERED FOR DAILY POWER

01



RS9

P04 →

02



R9

P06 →

03



R7

P08 →

04



R11

P10 →

05



F3

P12 →

06



F1

P14 →

07



HM

P16 →

08



VF17

P18 →

# RS9

ELECTRIC SCOOTER



**POWERFUL**  
1200W High-Speed Motor



**SAFE**  
Front & Rear Disc Brakes



## SPECIFICATIONS



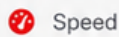
Model  
RS9



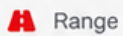
Motor  
1200W



Controller  
32A



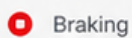
Speed  
58KM/h



Range  
60-80KM



Seat Height  
80 CM



Braking  
Disc Brakes



Tire Size  
Front 3.00-10 TL  
Rear 3.00-10 TL



Packing Size  
142\*31\*66 cm



Weight  
54 KG

## PACKING SIZE

**RS9**

142\*31\*66 cm



**01**

## SIGNATURE HEADLIGHT WITH ILLUMINATED LOGO

The uniquely designed headlight is paired with an illuminated logo to create a strong visual identity. This design improves night-time visibility for safer riding while helping riders and fleets stand out instantly, enhancing brand recognition on the road.

**02**

## HIGH-PERFORMANCE DISC BRAKING SYSTEM

The disc braking system is designed with responsive calipers and strong stopping power to deliver precise braking control. This setup improves rider confidence, shortens stopping distances, and ensures consistent performance in both daily commuting and high-speed riding situations.

**03**

## HEAVY-DUTY REAR SUSPENSION SYSTEM

The reinforced rear suspension is engineered with high-strength shock absorbers to handle uneven roads and high loads. This design improves ride comfort, enhances handling stability, and reduces long-term wear, making it suitable for daily commuting and demanding usage.

**04**

## NEXT-GENERATION COPPER BRUSHLESS MOTOR

The latest-generation pure copper brushless motor is engineered for higher efficiency and stronger power output. This design delivers faster acceleration, smoother operation, and improved heat dissipation, ensuring reliable performance and longer service life during daily and intensive use.



# R9

ELECTRIC SCOOTER



**POWERFUL**  
1200W High-Speed Motor





**SAFE**  
Front & Rear Disc Brakes


## SPECIFICATIONS


 Model  
R9


 Motor  
1200W


 Controller  
32A


 Speed  
58KM/h

 Range  
60-80KM

 Seat Height  
80 CM

 Braking  
Front and rear  
disc brakes

 Tire Size  
Front 3.00-10 TL  
Rear 3.00-10 TL

 Packing Size  
142\*31\*66 cm

 Weight  
54 KG

## PACKING SIZE

**R9**  
142\*31\*66 cm



**01**

## FRONT AND REAR DISC BRAKE SYSTEM

The vehicle is equipped with a front and rear disc brake system, featuring a highly visible red caliper and a stable braking structure. This setup delivers more direct brake response and controlled stopping performance, helping reduce stopping distance and improving overall safety and rider confidence.



▲ FRONT DISC BRAKE



▲ REAR DISC BRAKE

**02**

## REAR SPRING SHOCK WITH AIR CHAMBER

The rear suspension combines a high-elastic spring shock with an air chamber structure, using extended travel and effective damping to absorb road impacts. This setup maintains stable feedback on rough surfaces, reduces vibration transfer, and improves overall riding comfort and control stability.

**03**

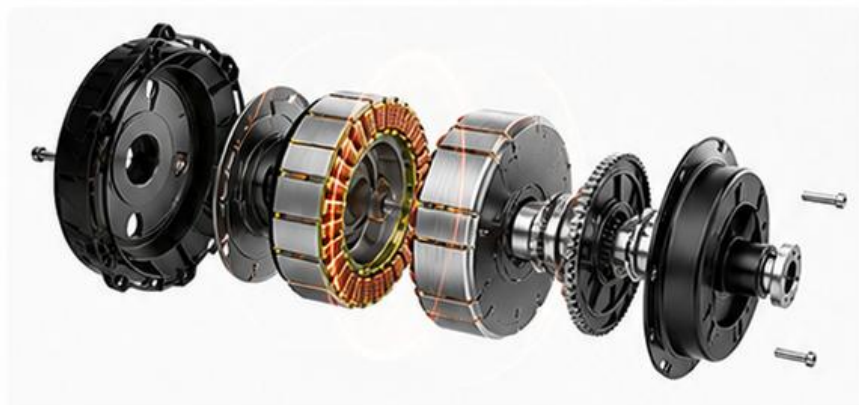
## 3.00-10 TUBELESS TIRE SETUP

The front wheel is equipped with a 3.00-10 tubeless tire, specially treated to enhance heat resistance and structural durability. This design helps reduce thermal wear in hot climates, extends service life, and ensures consistent performance and reliability during long-term use in high-temperature conditions.

**04**

## PURE COPPER BRUSHLESS MOTOR

The motor uses a brand-new pure copper brushless design, specially tuned to match vehicle load and power output characteristics. Optimized winding efficiency and response deliver stronger torque and faster acceleration, ensuring stable operation and consistent power for improved control and riding performance.



# R7

ELECTRIC SCOOTER

**POWERFUL**

1500W High-Speed Motor

**SAFE**

Front &amp; Rear Disc Brakes

## SPECIFICATIONS



Model

R7



Motor

1500W



Controller

35A



Speed

60KM/h



Range

60-80KM



Seat Height

75 CM



Braking

Front and rear  
disc brakes

Tire size

Front 3.00-10 TL  
Rear 3.00-10 TL

Packaging size

145\*38\*66 CM



Weight

58 KG

## PACKING SIZE

**R7**

145\*38\*66 cm



**01****FRONT WHEEL /  
3.00-10 TUBELESS TIRE**

The front wheel uses a 3.00-10 tubeless tire, carefully selected to suit frequent daily riding and varied road conditions. The tubeless structure offers improved air retention and stability, reducing the risk of air loss while enhancing grip and road contact. This results in more reliable handling, better durability, and safer performance on uneven or high-temperature surfaces.

**02****REAR SUSPENSION /  
SPRING SHOCK ABSORBER**

The rear wheel is equipped with a high-elasticity spring shock absorber, tuned to match the vehicle's weight and riding conditions. This suspension system smooths out impacts during compression and rebound, effectively absorbing road vibrations. Even on rough or uneven surfaces, it helps maintain stability and delivers a more comfortable, controlled riding experience.

**03****REAR WHEEL /  
DISC BRAKE SYSTEM**

The rear wheel is equipped with a high-performance disc brake system, working in coordination with the front brake for balanced braking control. The disc brake design delivers faster response and more stable braking force, significantly reducing stopping distance during high-speed riding or emergency braking. The robust caliper enhances braking precision and contributes to a higher overall level of safety and reliability.

**04****MOTOR / POWER SYSTEM**

The bike is equipped with a brand-new pure copper brushless motor, precisely tuned to match the vehicle's load and real-world riding conditions. The pure copper windings reduce energy loss and enhance torque output, delivering stronger launch performance and quicker acceleration. This optimized motor setup ensures responsive power delivery, confident hill climbing, and stable performance over long-term use.



# R11

ELECTRIC SCOOTER

**POWERFUL**

1800W High-Speed Motor

**SAFE**

Front &amp; Rear Disc Brakes

## SPECIFICATIONS



Model

R11



Motor

1800W



Controller

40A



Speed

65KM/h



Range

60-80KM



Seat Height

76 CM



Braking

Front and rear  
disc brakes

Tire size

Front 90/90-12 TL  
Rear 90/90-12 TL

Packaging size

149\*38\*66 CM



Weight

61 KG

## PACKING SIZE

**R11**

149\*38\*66 cm



## 01

### REINFORCED STEP-THROUGH FRAME DESIGN

The frame features a step-through structure with a clearly defined main beam and upright support layout, creating a direct and balanced load path. The visible frame geometry helps distribute riding forces evenly across the chassis, enhancing overall stability. This structural approach delivers a solid, dependable foundation for frequent daily riding and long-term use in demanding conditions.



## 02

### LCD DASHBOARD WITH INTEGRATED MUSIC CONTROL

The scooter is equipped with a centralized LCD instrument panel that presents riding information in a clear, well-organized layout. Physical control buttons are integrated directly below the display, allowing riders to switch tracks and manage audio without distraction. Combined with Bluetooth music indication on the screen, this design improves control efficiency, keeps operation intuitive, and supports a smoother, more practical riding experience for daily use.



## 03

### 3.00-10 TUBELESS FRONT TIRE

The front wheel is fitted with a 3.00-10 tubeless tire featuring a solid profile and clear tread pattern. Its wide contact patch supports stable rolling and consistent steering response on urban roads. This tire setup helps reduce road vibration and enhances front-end control, contributing to a more confident and reliable riding experience in daily use.



## 04

### INTEGRATED HUB MOTOR STRUCTURE

The rear wheel uses a fully integrated hub motor design, with core components aligned concentrically for a compact and balanced structure. The clearly organized stator windings and tightly fitted rotor housing help reduce mechanical loss and unwanted vibration during operation. This engineering approach delivers smoother power transfer, stable riding feel, and dependable performance for sustained daily or commercial use.



# F3

ELECTRIC SCOOTER



**POWERFUL**  
1800W High-Speed Motor



**SAFE**  
Front & Rear Disc Brakes

## SPECIFICATIONS



Model

F3



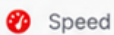
Motor

1800W



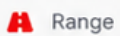
Controller

40A



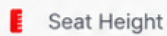
Speed

68KM/h



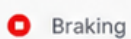
Range

60-80KM



Seat Height

76 CM



Braking

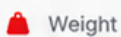
Front and rear  
disc brakes

Tire size

Front 90/90-12 TL  
Rear 90/90-12 TL

Packaging size

149\*38\*66.5 CM



Weight

62 KG

## PACKING SIZE

**F3**

149\*38\*66.5 CM



**01****FOCUSED PROJECTOR HEADLIGHT SYSTEM**

The headlamp integrates a central projector module with a circular outer light ring in a compact sealed housing, creating a concentrated and well-defined beam pattern. The multi-layer lens structure improves light control and reduces scatter, extending forward visibility and improving road recognition during night riding. Its rigid enclosed design protects the optical core from dust and vibration, maintaining consistent brightness over long service cycles. This lighting system enhances safety, riding confidence and long-term reliability for daily commuting and high-frequency commercial use.

**02****INTEGRATED SIDE TAIL LIGHT MODULE**

The side tail light is seamlessly embedded into the rear body panel, forming a flush-mounted lighting surface with clear lateral visibility. Positioned at a key rear-side viewing angle, it improves vehicle recognition during lane changes, cornering and low-light conditions, reducing blind-spot risk and enhancing surrounding traffic awareness. The compact sealed housing protects the light unit from vibration and dust, maintaining stable illumination over long service cycles. This design strengthens side safety performance and supports reliable operation in daily commuting and high-frequency riding applications.

**03****FRONT WHEEL DISC BRAKE SYSTEM**

The front wheel is equipped with a high-performance disc brake system, working in coordination with the rear brake for balanced braking control. The disc brake design delivers faster response and more stable braking force, significantly reducing stopping distance during high-speed riding or emergency braking. The robust caliper enhances braking precision and contributes to a higher overall level of safety and reliability.

**04 HEAVY-DUTY REAR SHOCK ABSORBER**

The rear suspension combines a reinforced coil spring with an independent damping cylinder in a coaxial layout, forming a high-strength load-bearing unit that maintains stable chassis support over uneven roads. The separated damping structure controls compression and rebound more smoothly, reducing vibration transfer and lowering stress on the frame and rear wheel assembly. This design improves ride comfort while limiting long-term fatigue and wear, ensuring consistent stability, durability and dependable performance for daily commuting and intensive commercial operation.



# F1

ELECTRIC SCOOTER

**POWERFUL**

2500W High-Speed Motor

**SAFE**

Front &amp; Rear Disc Brakes

**SPECIFICATIONS**

Model

F1



Motor

2500W



Controller

50A



Speed

78KM/h



Braking

Front and rear  
disc brakes

Tire size

Front 120/70-12 TL  
Rear 120/70-12 TL

Packaging size

154\*38\*66.5 CM



Weight

65 KG

**PACKING SIZE****F1**

154\*38\*66.5 CM



**01**

### HALO LENS HEADLIGHT SYSTEM

Integrated halo light ring with central projector lens delivers focused, uniform illumination with a wider visible field. The sealed, vibration-resistant housing ensures stable lighting performance for daily commuting and long-term use, improving night safety while enhancing front-end recognition.

**02**

### 220mm RACING DISC BRAKE SYSTEM

Large-diameter ventilated rotor with rigid caliper delivers strong, stable braking force with excellent heat dissipation and fade resistance. Precision mounting reduces vibration and uneven wear, ensuring shorter stopping distance and consistent control under high-speed and high-load riding conditions.

**03**

### PRECISION ALUMINUM ALLOY STEERING MOUNT

CNC-machined high-strength aluminum alloy structure combines lightweight design with superior rigidity, reducing front-end load while improving steering stability. Multi-point force distribution and precision adjustment ensure smooth feedback, accurate control, and long-term structural reliability under high-speed and demanding riding conditions.

**04**

### CNC ALUMINUM ALLOY REAR SWINGARM

CNC-machined high-strength aluminum swingarm combines lightweight construction with exceptional rigidity to maintain precise wheel alignment and stable power transfer during acceleration and braking. Multi-link load paths and precision bearings enhance rear suspension consistency, durability, and tracking stability under high-speed and demanding riding conditions.




# HM-1

ELECTRIC SCOOTER





## SPECIFICATIONS


 Model  
HM-1


 Motor  
1800W

 Controller  
40A

 Speed  
65KM/h

 Braking  
Front and rear  
disc brakes

 Tire size  
Front 90/90-12 TL  
Rear 90/90-12 TL

 Packaging size  
140\*38\*66 CM

 Weight  
85 KG

## PACKING SIZE

**HM-1**  
140\*38\*66 CM



**01****FRONT WHEEL ASSEMBLY**

High-strength wheel hub with precision disc brake system for stable performance and reliable stopping power.

**02****PREMIUM SEAT CUSHION**

Ergonomically designed with quilted stitching and high-density foam for superior comfort and long-distance support.

**03****HIGH-STRENGTH FRAME**

Durable steel frame engineered for maximum rigidity and long-term reliability under various road conditions.

**04****FRONT SUSPENSION SYSTEM**

Hydraulic dual-shock suspension absorbs road impacts effectively, delivering a smoother and more stable riding experience.



# VF17

ELECTRIC SCOOTER



## POWERFUL











1800W High-Speed Motor



## SAFE

Front & Rear Disc Brakes

## SPECIFICATIONS

 Model VF17	 Motor 1800W
 Controller 40A	 Speed 65KM/h
 Range 65KM	 Seat Height 75 CM
 Braking Front and rear disc brakes	 Tire size Front 3.00-17 TL Rear 3.00-17 TL
 Packaging size 145*38*70 CM	 Weight 79 KG

## PACKING SIZE

**VF17**

145\*38\*70 CM



**01****FRONT WHEEL ASSEMBLY**

Durable alloy rim with high-grip tire and large disc brake delivers excellent traction, stable handling, and strong braking performance for various road conditions.

**02****INTELLIGENT DIGITAL DISPLAY**

Clear digital dashboard provides real-time information on speed, battery level, and riding status. The bright, intuitive interface ensures easy reading and enhances riding control and safety.

**03****COMFORTABLE SEAT CUSHION**

Ergonomically designed wide seat with high-density foam and premium stitching offers superior comfort and long-lasting support for both rider and passenger.

**04****HIGH-PERFORMANCE BRUSHLESS MOTOR**

Powerful brushless motor with high-efficiency copper winding and precision components delivers strong acceleration, smooth operation, and reliable performance for daily commuting and long-distance riding.



# PRODUCTION LINE

ADVANCED MANUFACTURING, RELIABLE QUALITY

Winlee operates a modern production line with standardized processes and strict quality control at every stage. From frame manufacturing and component assembly to performance testing and final inspection, every scooter is built for durability, safety, and consistent performance.



## 01 FRAME PRODUCTION

High-strength steel frames are precision cut, robot welded, and inspected for structural accuracy and durability.



## 02 COMPONENT ASSEMBLY

Components are assembled in a structured sequence by skilled technicians to ensure precision and consistency.



## 03 TESTING & QUALITY CONTROL

Every unit undergoes multiple tests including electrical performance, braking, lighting, and waterproof checks to guarantee safety and reliability.



## 04 PACKING & SHIPPING

After final inspection, scooters are securely packed with protective materials and prepared for global shipping.



# CONTACT US

We're here to help and answer any question you might have.



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product information.



Reliable Quality  
Assurance



Advanced  
Technology



Global  
Export



Professional  
Service