

Jiangsu Zhihe New Energy Technology Co.,Ltd

East Section of Xihu Road, Yangjian Town, Xishan District, Wuxi City, Jiangsu Province, China
Contact No:13585097182

TECHNICAL DATA SHEET

SF90

Date: 24 March 2026

Manufacturer:**Jiangsu Zhihe New Energy Technology Co.,Ltd**

1. Product Description

The **SF90 Electric Scooter** is a high-performance, eco-friendly two-wheeler designed for modern urban commuting. It delivers powerful acceleration, extended range, and enhanced riding comfort, combining efficiency with advanced safety features.

2. Technical Specifications

<i>Specification</i>	<i>Details</i>
Motor Capacity	2500 W
Motor Power/ Model	2.5 kW/ 12ZW7210448YA
Battery Capacity	64V 1 0 0 AH Lithium Iron Phosphate Battery 6.4KWH/Charge
Rated/Peak Power(KW)	2.5KW/3.5KW
Rated/Peak Torque(NM):	14N/M / 108N/M
Maximum Speed	80km/h
Range (per charge)	180 km
Climbing Gradient	15°
Tires (Front/Rear)	Front 120-70-12, Rear 110-70-12 Goodyear Tires
Brake System	Dual-linkage disc brakes + TCS, hill start assist, hill descent control, etc.
Power Consumption	6.4 KWH/charge
Suspension	31-tube front, 32-tube rear, five-stage adjustable hydraulic damping.
Display	Intelligent LED Instruments
Foot Pedal Size	400*420mm Super Large Pedal

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3. Key Features

- Anti-theft alarm system
- Anti-slip, wear-resistant, run-flat tires
- USB charging port & storage pocket
- Strong front hook for carrying items
- Front and rear hydraulic shock absorption
- High-quality Graphene battery for longer life and stable performance

4. Performance and Reliability

- Efficient 2.5kW motor for consistent power and speed
- Extended riding range up to 180 km per charge
- Capable of climbing gradients up to 15°
- Low power consumption design for energy efficiency

5. Safety and Comfort

- Dual disc braking system ensures superior control
- Hydraulic suspension for smooth rides on rough terrain
- Built-in anti-theft alarm for enhanced security
- Ergonomic design and large footboard for comfortable riding

6. Manufacturer

JIANGSU ZHIHE NEW ENERGY TECHNOLOGY CO., LTD.

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Disclaimer

All specifications and product details are subject to change without prior notice to improve performance and quality.