

NAVEE ST3 Pro-U

NAVEE ST3 Pro Electric Scooter User Manual

Model: ST3 Pro-U

1. INTRODUCTION

Welcome to the comprehensive user manual for your NAVEE ST3 Pro Electric Scooter. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new electric scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



Figure 1: The NAVEE ST3 Pro Electric Scooter, showcasing its sleek design and smart app connectivity.

The NAVEE ST3 Pro is designed for adults and teens, offering a powerful and comfortable riding experience. Key features include a robust 1350W peak motor, a long-range 46.8V 12.75Ah lithium battery providing up to 47 miles on a single charge, and a top speed of 25 mph. It is equipped with a patented Damping Arm Suspension System for smooth rides, triple braking with TCS for enhanced safety, and self-sealing 10-inch tires for durability.

NAVEE ST3 Pro

No Limits, Just Ride.



Figure 2: Overview of the NAVEE ST3 Pro's impressive performance specifications and features.

Product Overview Video

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Video 1: An official overview of the NAVEE ST3 Pro electric scooter, highlighting its design and capabilities.

2. SAFETY GUIDELINES

Your safety is paramount. Always wear a helmet and appropriate protective gear when riding. Familiarize yourself

with local laws and regulations regarding electric scooter usage in your area.

Braking System

The ST3 Pro features a triple braking system: front drum brake, rear disc brake, and EABS (Electronic Anti-lock Braking System). This combination ensures 20% shorter braking distances and enhanced control, especially in challenging conditions.

Drum + Disc + EABS Triple Braking

Cut braking distance by 22% vs. single - disc systems—

ASTM F2641 tested at 25 MPH, where every inch decides safety.



Figure 3: The advanced triple braking system of the ST3 Pro for superior stopping power.

Traction Control System (TCS)

The integrated Traction Control System (TCS) helps maintain grip and stability on wet or slick surfaces, preventing wheel slip and ensuring a safer ride. This feature can be managed via the NAVEE app.

Lighting and Visibility

The scooter is equipped with a full LED lighting system, including a headlight, taillight, and reflectors, ensuring visibility day and night. The IPX5 waterproof rating allows for riding in various weather conditions.

3. SETUP

Unboxing and Assembly

Your NAVEE ST3 Pro comes partially assembled. Inside the package, you will find the scooter, a quick guide, instruction manual, charger, T-shape lever, and 4 screws. Follow the quick guide for initial assembly, primarily attaching the handlebars.

Initial Charging

Connect the charger to the charging port on the scooter and then to a power outlet. The charging indicator will show the charging status. A full charge typically takes approximately 10 hours.

Connecting to the NAVEE App

Download the official NAVEE app from your smartphone's app store. Connect your scooter via Bluetooth to access various smart features, including speed modes, live diagnostics, remote locking, and ambient light customization. The app also supports Apple Find My integration for tracking your scooter.



Figure 4: The NAVEE app provides comprehensive control and monitoring for your scooter.

4. OPERATING YOUR SCOOTER

Powering On/Off and Speed Modes

Press the power button to turn the scooter on or off. The ST3 Pro offers three speed modes: Eco (3 mph), Drive (12 mph), and Sport (20 mph). These modes can be selected via the app or the scooter's controls to suit your riding

environment and desired speed.

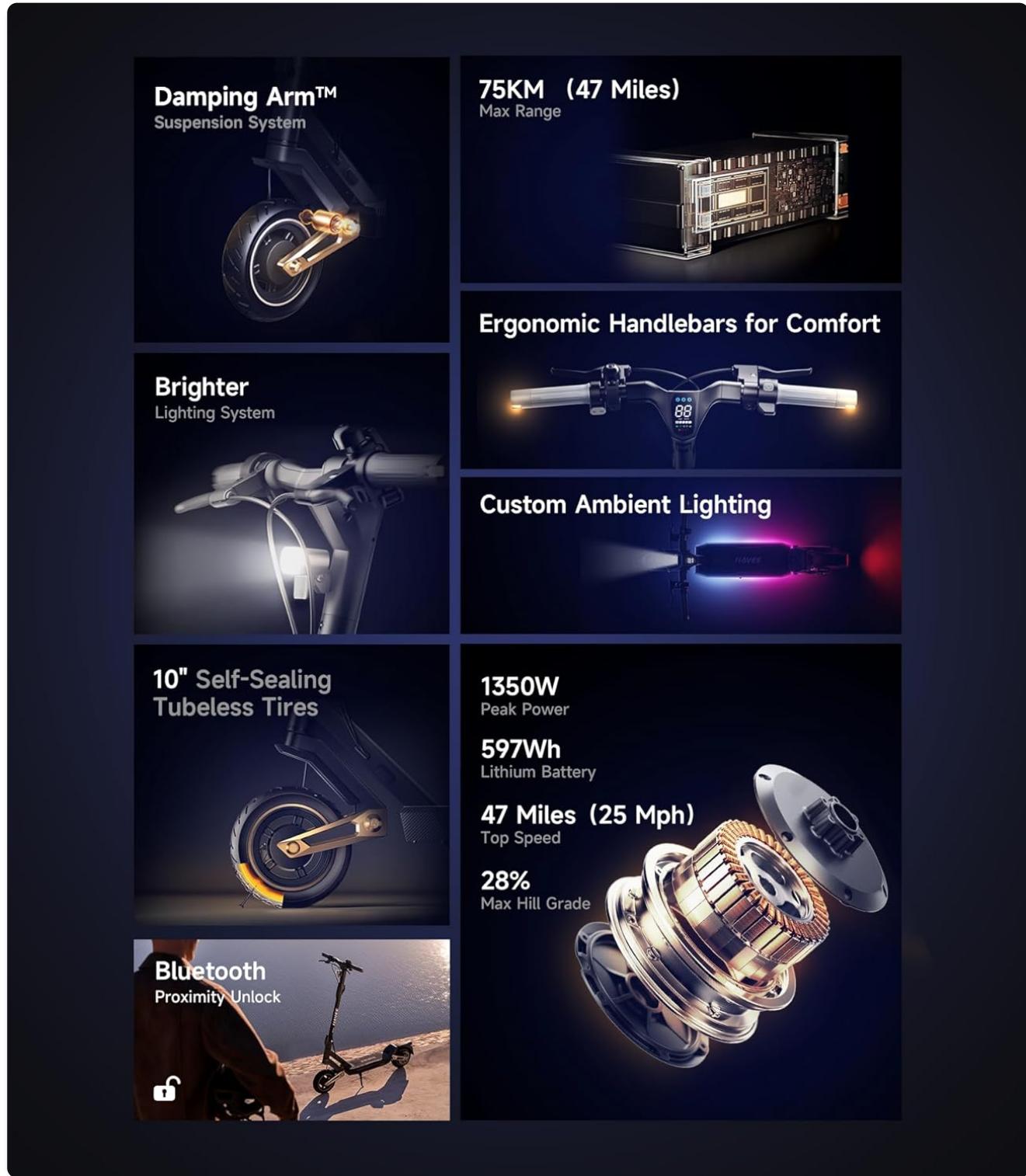


Figure 5: The intuitive digital display and ergonomic handlebars for easy control.

Riding Experience

The patented Damping Arm Suspension System, with its dual suspension, absorbs road vibrations and impacts from potholes, providing a remarkably smooth and comfortable ride on various terrains, from city streets to light gravel paths.

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Video 2: A short demonstration of the smooth ride provided by the patented Damping Arm Suspension.

Folding Mechanism

The Genius 3S folding system allows you to quickly and easily fold the scooter into a compact size, reducing its volume by 60%. This makes it convenient for transport and storage.

Foldable Design



Figure 6: The compact and portable design of the ST3 Pro when folded.

Smart Features and Customization

Utilize the NAVEE app to customize ambient lighting with 15 different colors, track your riding records, and manage energy recovery settings. The Apple Find My integration provides an additional layer of security, allowing you to locate your scooter if it's misplaced.

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Video 3: A detailed look at the NAVEE ST3 Pro's performance, including its 1350W motor and 47-mile range.

5. MAINTENANCE

Battery Care

The ST3 Pro is powered by a premium 597Wh lithium battery with an 8-layer Battery Management System (BMS) for protection against overcharge, short-circuit, and thermal issues. To prolong battery life, avoid fully discharging the battery frequently and store the scooter in a cool, dry place when not in use. Charge the battery regularly, even if the scooter is not being used for extended periods.



Figure 7: The premium 597Wh lithium battery with advanced safety features.

Tire Maintenance

The 10-inch tubeless tires are self-sealing, automatically repairing minor punctures up to 4mm. Regularly check tire pressure and inspect for any signs of wear or damage. Proper tire maintenance ensures optimal performance and safety.

General Cleaning

Clean your scooter regularly with a damp cloth. Avoid using high-pressure water jets or harsh chemicals, as these can damage electronic components. Ensure the scooter is dry before storing or charging.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your NAVEE ST3 Pro. For more complex problems, please refer to the warranty and support section.

- Scooter not turning on:** Ensure the battery is charged. Check all connections. If the issue persists, contact support.
- Reduced range or power:** This could indicate a low battery charge or a need for battery calibration. Ensure tires are properly inflated.
- Unusual noises:** Inspect wheels, brakes, and suspension for any loose parts or obstructions.
- App connectivity issues:** Ensure Bluetooth is enabled on your phone and the scooter is within range. Try restarting both the app and the scooter.

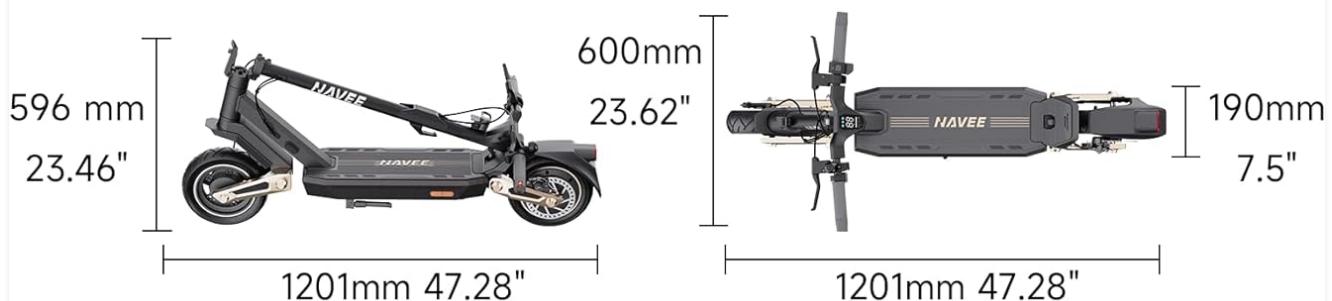
7. SPECIFICATIONS

Feature	Specification
Brand	NAVEE
Model Name	ST3 Pro-U
Motor Power (Peak)	1350W
Max Speed	25 mph (40 km/h)
Max Range	47 Miles (75 km)
Battery	46.8V 12.75Ah (597Wh) Lithium Battery
Charging Time	Approx. 10 Hours
Tires	10-inch Self-Sealing Tubeless Tires
Suspension	Patent Damping Arm™ Suspension (Dual Suspension)
Braking System	Front Drum + Rear Disc + Rear EABS
Max Load	265 Pounds (120 kg)

Item Weight	55 Pounds (25 kg)
Dimensions (Unfolded)	47.2"L x 23.6"W x 51.4"H
Waterproof Rating	IPX5
Included Components	NAVEE Electric Scooter ST3 Pro, Quick Guide, Instruction Manual, Charger, T Shape Lever, 4x Screws

Lightweight & Foldable

Weighs 52lbs, folds in 3s,
and it's easy to carry anywhere.



Load Capacity
265 Lbs



Suitable for Height
6.4 feet

Figure 8: Detailed dimensions and weight specifications of the ST3 Pro.

8. WARRANTY AND SUPPORT

NAVEE offers reliable local support with a 2-year warranty included for the scooter (12 months for the battery). A nationwide network of local service centers is available for flat tire repairs, motor tuning, and technical support. For assistance, you can reach the friendly support team via phone, email, or direct message with a 24-hour response time.

For more information or to contact support, please refer to the contact details provided in your Quick Guide or visit the official NAVEE website.

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For the latest information and updates, please visit naveetech.com

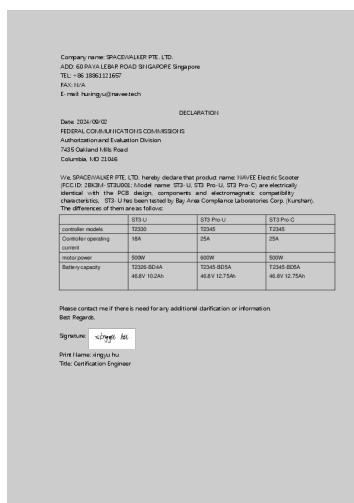
Documents - NAVEE – ST3 Pro-U



[NAVEE Electric Scooter ST3 Pro User Manual and Safety Guide](#)

Comprehensive guide for the NAVEE Electric Scooter ST3 Pro, covering assembly, charging, app connection, safety instructions, product overview, specifications, and certifications.

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[\[pdf\] Declaration of Conformity](#)

67RF 2 DoS Letter SPACEWALKER PTE LTD ST3U001 NAVEE Electric Scooter 2BK3M

2BK3MST3U001 st3u001

Company name: SPACEWALKER PTE. LTD. ADD: 60 PAYA LEBAR ROAD SINGAPORE Singapore TEL: 86 18861121657 ... hereby declare that product name: NAVEE Electric Scooter FCC ID: 2BK3M-ST3U001; Model name: ST3-U, ST3 Pro-U, ST3 Pro-C are electrically identical with the PCB design, components and electromagnetic compatibility. Declaration made on behalf of the Big Area Application Laboratories (Guangzhou). The differences of them are as follows:

DECLARATION			
Date: 2024-06-10			
FEDERAL COMMISSION FOR COMMUNICATIONS			
Authorization and Evaluation Division			
7425 Oakland Hills Road			
Columbia, MD 21046			
NAVEE PTE LTD hereby declare that product name: ST3-U Electric Scooter (FCC ID: 2BK3M-ST3U001; Model name: ST3-U, ST3 Pro-U, ST3 Pro-C) are electrically identical with the PCB design, components and electromagnetic compatibility. Declaration made on behalf of the Big Area Application Laboratories (Guangzhou). The differences of them are as follows:			
Model	ST3-U	ST3 Pro-U	ST3 Pro-C
controller model	T220	T220	T220
Controller operating current	16A	25A	25A
motor power	500W	600W	500W
Battery capacity	T2308-8014A 48.8V 10.25Ah	T2308-8015A 48.8V 12.75Ah	T2308-8016A 48.8V 12.75Ah

Please contact me if there is need for any additional clarification or information.

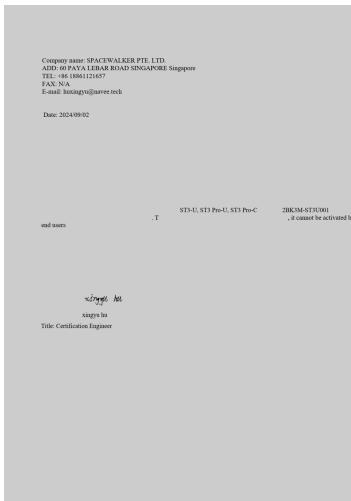
Best Regards,

Signature: 

Print Name: Jingyu Hu

Title: Certification Engineer

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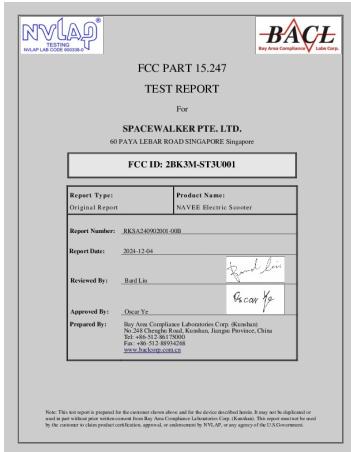


backks96 Attestation Letter SPACEWALKER PTE LTD ST3U001 NAVEE Electric Scooter 2BK3M

2BK3MST3U001 st3u001

Company name: SPACEWALKER PTE. LTD. ADD: 60 PAYA LEBAR ROAD SINGAPORE Singapore TEL: 86 18861121657 ... Columbia, MD 21046 To Whom It May Concern, Our product NAVEE Electric Scooter model name: ST3-U, ST3 Pro-U, ST3 Pro-C, FCC ID: 2BK3M-ST3U001 , it only activates BLE 1Mbps, BLE 2Mbps. The other bands...

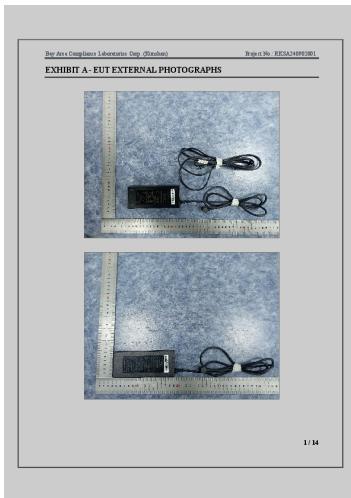
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MEASUREMENT TECHNICAL REPORT FCC CLASS B Thomas Lui Test Report SPACEWALKER PTE LTD ST3U001 NAVEE Electric Scooter 2BK3M 2BK3MST3U001 st3u001

FCC PART 15.247 TEST REPORT For SPACEWALKER PTE. LTD. 60 PAYA LEBAR ROAD SINGAPORE Singapore FCC ID: ... annel Separation: Modulation Type Antenna Type: Maximum Antenna Gain: SPACEWALKER PTE. LTD. ST3-U, ST3 Pro-U, ST3 Pro-C Model name, controller model, motor power and Battery capacity, see the declara...

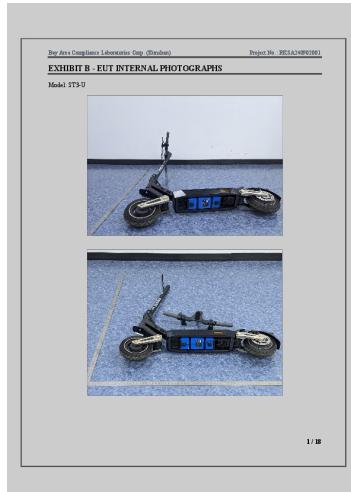
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NAVEE Electric Scooter and Battery Charger External Photographs and Specifications

External photographs and specifications for NAVEE electric scooters (models ST3-U, ST3 Pro-U, ST3 Pro-C) and the FY-5461500 battery charger, as tested by Bay Area Compliance Laboratories Corp. Includes charger details, FCC compliance, and identification of the wireless module.

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[\[pdf\]](#) Product Photos Teardown

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Area Compliance Laboratories Corp. Kunshan Model: ST3 Pro-U Project No.:
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