

## Atomi Tuobo-1

# Atomi Tuobo-1 Off Road Electric Scooter User Manual

Model: Tuobo-1

## 1. INTRODUCTION

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your Atomi Tuobo-1 Off Road Electric Scooter. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize the lifespan of your scooter. Retain this manual for future reference.

## 2. SAFETY INFORMATION

Operating an electric scooter carries inherent risks. Adhere to all local laws and regulations regarding electric scooter use. Always wear a helmet and appropriate safety gear, including knee and elbow pads. Ensure all components are securely fastened before each ride. Avoid riding in adverse weather conditions or on slippery surfaces. Do not operate the scooter under the influence of alcohol or drugs. This scooter is designed for adult use only.

- **Pre-Ride Check:** Inspect tires, brakes, and all connections before each use.
- **Riding Environment:** Use on appropriate terrain. The Tuobo-1 is designed for off-road use but exercise caution.
- **Weight Limit:** Do not exceed the maximum weight capacity specified in the specifications section.
- **Battery Safety:** Only use the provided charger. Do not modify the battery pack.

## 3. PACKAGE CONTENTS

Upon unpacking, verify that all items listed below are present and undamaged:

- Atomi Tuobo-1 Electric Scooter
- Charger
- User Manual
- Assembly Tools (if required)
- Phone Holder

## 4. PRODUCT OVERVIEW

The Atomi Tuobo-1 is an off-road electric scooter featuring a powerful dual motor system, a removable battery, and robust suspension for varied terrain. It also includes a handlebar-mounted phone holder.

### 4.1 Key Components and Features



Image 4.1: Overview of the Atomi Tuobo-1 Electric Scooter, showcasing its design, integrated phone holder, and internal components like the battery and dual motors.

- **Dual 2400W Motors:** Provides significant power for acceleration and climbing.
- **11-inch Knobby All-Terrain Tires:** Designed for enhanced grip and stability on various surfaces.
- **Quadruple Suspension:** Front and rear dual spring suspension combined with C-type suspension absorbers for a smooth ride.
- **Removable 20AH Battery:** Offers a long range and convenient charging options.
- **Safety Folding System:** Allows for compact storage and transport.

- **Smart APP Connectivity:** Enables control and monitoring via a smartphone application.
- **Handlebar-Mounted Phone Holder:** Securely holds smartphones for navigation or app access.

## 4.2 Powerful Dual Motor System



Image 4.2: Detailed view of the scooter's dual motor system, highlighting its 2400W power, 37 MPH max speed, 48V 20.8Ah battery, and 40° climbing capability.

## 4.3 Detachable Battery

## Detachable Battery

48<sup>V</sup>20.8<sup>Ah</sup> | 998<sup>Wh</sup> | 31<sup>Mi</sup> | Long-Lasting Battery Life

# BMS

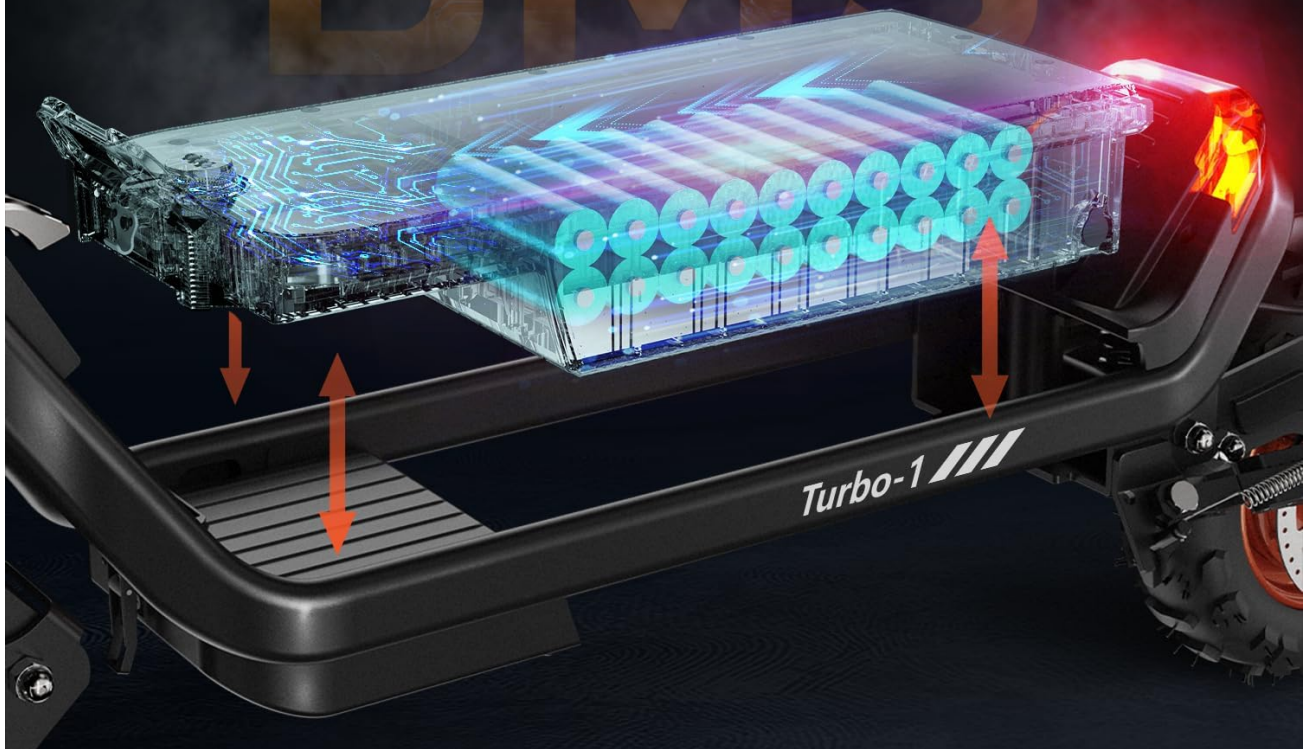
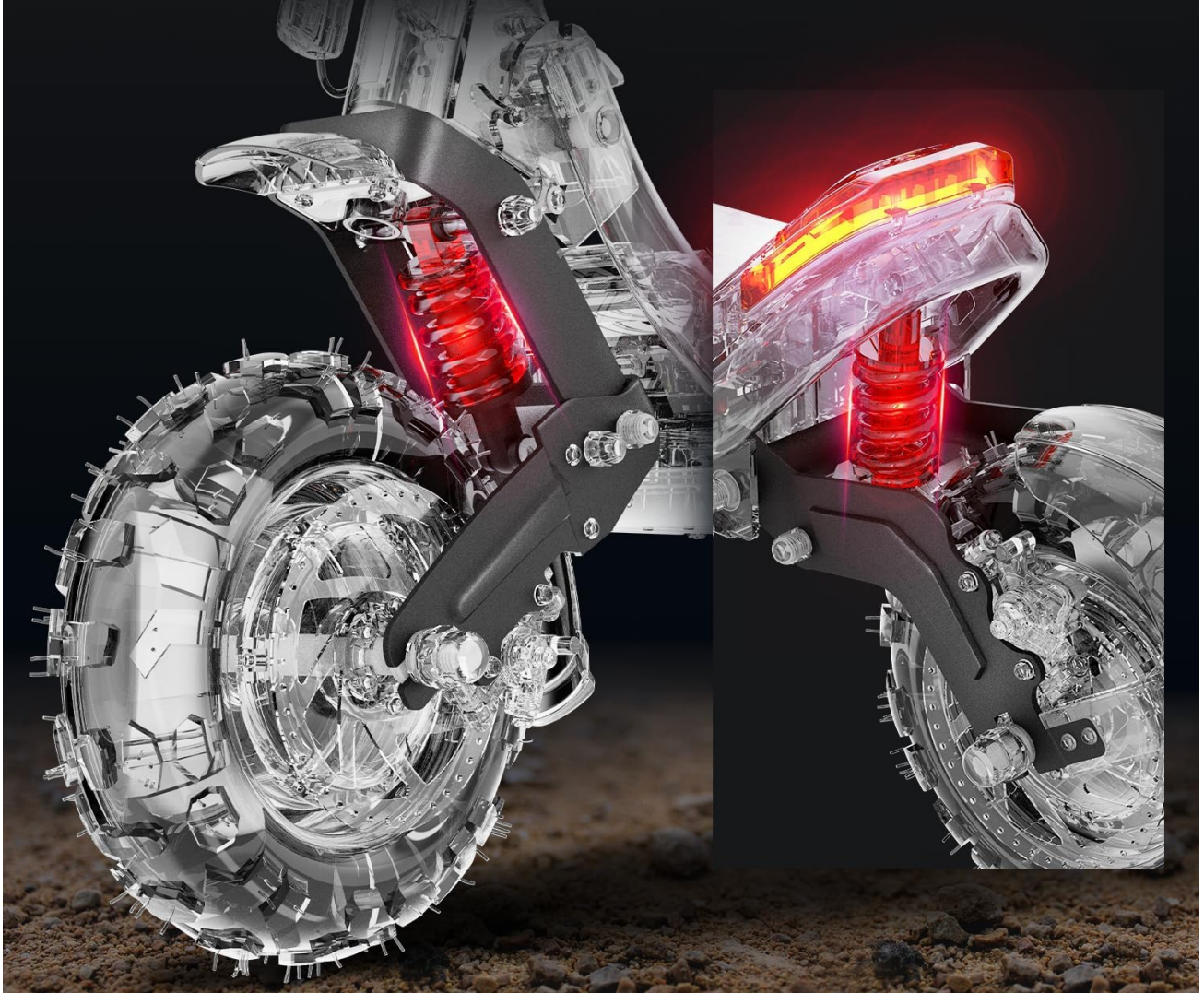


Image 4.3: Illustration showing the removable 48V 20.8Ah battery pack, emphasizing its long-lasting life and ease of removal.

### 4.4 Quadruple Suspension System

## Quadruple suspension

Front and Rear Dual Spring Suspension+  
C type Suspension Absorber



*Image 4.4: Visual representation of the front and rear dual spring suspension and C-type suspension absorber, designed for enhanced ride comfort.*

### 4.5 Safety Folding System

## Safety Folding System

Safe folding system, simple and easy to fold,  
portable car trunk, convenient for travel



Image 4.5: A user demonstrating the scooter's safety folding system, making it portable for transport in a car trunk.

### 4.6 Phone Holder



*Image 4.6: Illustrates the one-hand operation of the handlebar-mounted phone holder, designed for easy phone placement.*



## 4 Cushioned Airbags

Provides all-round protection

*Image 4.7: Detailed view of the phone holder's design, featuring four cushioned airbags for all-round protection of the smartphone.*

# EASILY ADJUST ON THE GO

Mobile phone support up and down left and right adjustment

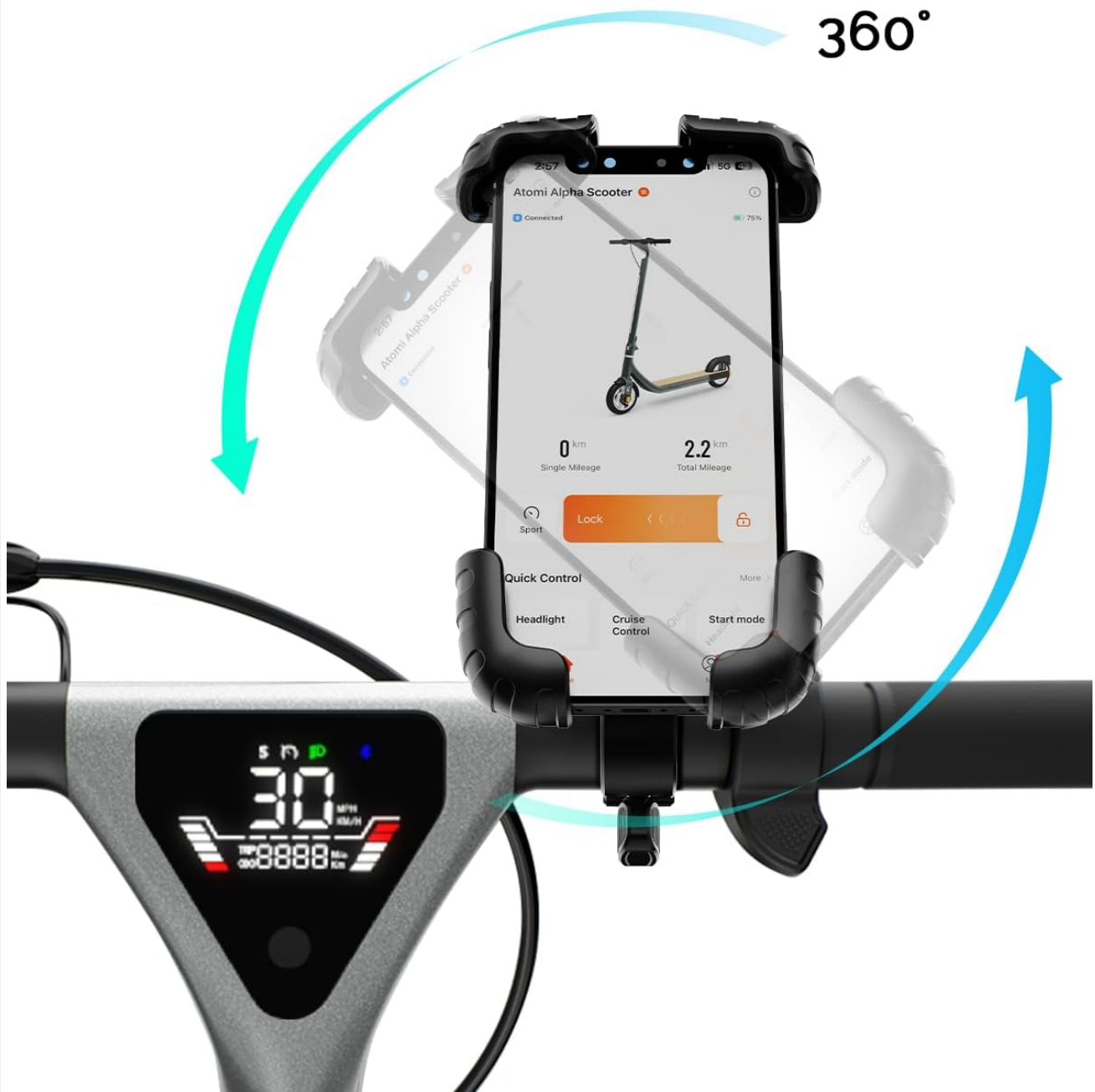
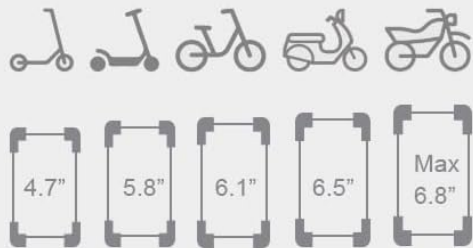


Image 4.8: Shows a smartphone mounted in the holder, displaying the Atomi scooter app interface alongside the scooter's digital dashboard, indicating adjustable positioning.

## Universality Design

Can be used for motorcycles, bicycles, scooters, ATV, treadmill, etc



## Powerful Security Lock

Never Fall Off



## Firm, collision resistant

Every corner protects the phone from sliding

*Image 4.9: Illustrates the phone holder's universal design, compatible with various smartphone sizes (4.7" to 6.8"), and its powerful security lock and collision-resistant features.*

## 5. SETUP

### 5.1 Unfolding the Scooter

1. Place the scooter on a flat, stable surface.
2. Locate the folding mechanism near the base of the steering column.
3. Release the safety latch and carefully unfold the steering column until it locks into place. Ensure it is fully extended

and secured.

4. Adjust the handlebar height if necessary using the quick-release clamp.

## 5.2 Initial Battery Charge

1. Before first use, fully charge the battery. The battery can be charged while installed in the scooter or removed.
2. Connect the charger to the charging port on the scooter or directly to the removable battery.
3. Plug the charger into a standard wall outlet. The indicator light on the charger will typically turn red during charging and green when fully charged.
4. Charging time may vary, but typically takes several hours for a full charge. Refer to specifications for exact times.

## 5.3 Installing the Phone Holder

1. Attach the phone holder clamp to a suitable section of the handlebar.
2. Tighten the clamp securely using the provided tools until the holder is stable and does not rotate freely.
3. Adjust the angle and orientation of the phone holder for optimal viewing.

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## 6. OPERATING INSTRUCTIONS

### 6.1 Powering On/Off

- **To Power On:** Press and hold the power button on the display panel for a few seconds until the screen illuminates.
- **To Power Off:** Press and hold the power button again until the display turns off.

### 6.2 Riding the Scooter

1. Place one foot on the deck and push off with the other foot to gain initial momentum.
2. Once moving, gently press the throttle lever to engage the motor.
3. Use the handlebar controls to adjust speed and activate lights.
4. To brake, gently squeeze the brake levers. Apply both brakes simultaneously for optimal stopping power.
5. Maintain a balanced posture and keep both hands on the handlebars while riding.

### 6.3 Using the Smart APP

- Download the Atomi scooter application from your smartphone's app store.
- Enable Bluetooth on your smartphone and open the app.
- Follow the in-app instructions to pair your Atomi Tuobo-1 scooter.
- The app allows for monitoring speed, battery level, mileage, and may offer additional controls like locking the scooter or adjusting ride modes.

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## 7. MAINTENANCE

### 7.1 Cleaning

Regularly clean your scooter with a damp cloth. Avoid using high-pressure water jets or harsh chemicals, as these can damage electronic components. Ensure the charging port cover is securely closed during cleaning.

### 7.2 Battery Care

- Charge the battery fully after each use, especially if storing for an extended period.

- If storing for more than 30 days, charge the battery to approximately 50-70% and recharge every 30-60 days to prevent deep discharge.
- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not attempt to open or repair the battery pack. Contact customer support for battery-related issues.

### 7.3 Tire Pressure

Check tire pressure regularly. Proper tire pressure is crucial for ride performance, range, and safety. Refer to the tire sidewall for recommended PSI or consult the specifications section.

### 7.4 Brake Adjustment

Periodically inspect brake pads and cables for wear. Adjust brake tension as needed to ensure responsive braking. If you are unsure how to adjust the brakes, seek professional assistance.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scooter does not power on	Low or depleted battery; Loose battery connection; Faulty power button	Charge the battery fully; Ensure battery is securely installed; Contact customer support if issue persists.
Motor not engaging	Throttle issue; Low battery; Safety mode engaged	Check battery level; Ensure scooter has initial push-off momentum; Restart scooter; Consult app for error codes.
Reduced range or speed	Under-inflated tires; Low battery charge; Riding uphill or against strong winds; Heavy load	Check and inflate tires to recommended PSI; Fully charge battery; Adjust riding style; Reduce load.
Brakes feel weak	Worn brake pads; Loose brake cable; Air in hydraulic system (if applicable)	Inspect and replace brake pads; Adjust brake cable tension; Seek professional service for hydraulic systems.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact Atomi customer support.

## 9. SPECIFICATIONS

Feature	Detail
Model Name	Tuobo-1
Motor Power	Dual 2400W
Max Speed	Up to 31 MPH (50 km/h)
Battery Type	Removable 48V 20.8Ah (998Wh)
Max Range	Up to 34 Miles (55 km)
Tire Size	11 Inches
Tire Type	Pneumatic, Knotty All-Terrain
Suspension	Quadruple (Front & Rear Dual Spring + C-type Absorber)

Feature	Detail
Handlebar Type	Adjustable
Special Features	Lightweight, Smart APP, Safety Folding System, Phone Holder
Age Range	Adult


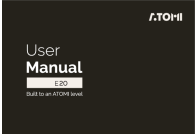

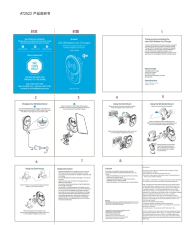
## 10. WARRANTY AND SUPPORT

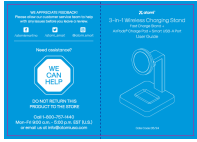
Atomi provides a limited warranty for the Tuobo-1 Electric Scooter against defects in materials and workmanship under normal use. The specific terms and duration of the warranty may vary by region and purchase date. Please refer to the warranty card included with your product or visit the official Atomi website for detailed warranty information.

For technical support, warranty claims, or replacement parts, please contact Atomi customer service through their official website or the contact information provided in your product packaging. When contacting support, please have your model number (Tuobo-1) and proof of purchase readily available.

**Atomi Official Website:** [Visit the Atomi Store on Amazon](#)

### Related Documents - Tuobo-1

	<a href="#">ATOMI ALPHA User Manual - Electric Scooter Guide</a> Comprehensive user manual for the ATOMI ALPHA electric scooter, covering safety, operation, maintenance, specifications, troubleshooting, warranty, and return policy. Learn how to assemble, use, and care for your ATOMI ALPHA.
	<a href="#">ATOMI E20 Electric Scooter User Manual</a> Comprehensive user manual for the ATOMI E20 electric scooter, detailing setup, operation, safety guidelines, maintenance, troubleshooting, specifications, warranty, and return policies.
	<a href="#">ATOMI E20 Electric Scooter User Manual</a> Comprehensive user manual for the ATOMI E20 electric scooter, covering safety guidelines, assembly instructions, operation details, maintenance procedures, technical specifications, and troubleshooting tips.
	<a href="#">Atomi AT2522 Qi2 Wireless Car Charger 15W User Guide</a> User guide for the Atomi AT2522 Qi2 Wireless Car Charger, featuring 15W fast wireless charging, magnetic mounting, and multiple installation options for car vents, windshields, and dashboards. Includes safety information, specifications, and FCC compliance details.



[Atomi 3-in-1 Wireless Charging Stand User Guide - Fast Charge, AirPods, USB-A](#)

Official user guide for the Atomi 3-in-1 Wireless Charging Stand. Learn how to set up, power, and use the fast charging stand for your smartphone, Apple Watch, and AirPods, plus the USB-A port. Includes specifications and safety information.



[Atomi 10000mAh Mini Battery Bank User Manual: Portable Power](#)

User manual for the Atomi 10000mAh Mini Battery Bank. Learn how to charge your devices, specifications, safety information, and support details for this portable rechargeable battery bank with dual smart USB ports.