



[Manuals.plus](#) /

- › [SUNDERWELL](#) /
- › SUNDERWELL Electric ATV 4 Wheeler for Kids Instruction Manual

SUNDERWELL EA500-RA

SUNDERWELL Electric ATV 4 Wheeler for Kids - Instruction Manual

Model: EA500-RA

1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your SUNDERWELL Electric ATV 4 Wheeler for Kids, Model EA500-RA. Please read this manual thoroughly before initial use to ensure proper function and safety.



Image: The SUNDERWELL Electric ATV 4 Wheeler in Red Flame color, showcasing its design and features.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in serious injury or death.

- Wear protective gear, including a helmet, eye protection, gloves, and appropriate footwear, at all times when operating the ATV.
- Do not modify the ATV in any way. Modifications can compromise safety and void the warranty.
- Ensure the rider meets the recommended age and weight limits. This ATV is designed for children.
- Always supervise children operating the ATV.
- Operate the ATV only in safe, open areas away from traffic, pedestrians, and hazards.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery charge.
- Avoid operating in wet conditions or on steep inclines.

For additional safety guidelines, refer to local regulations and best practices for ATV operation.

3. PRODUCT FEATURES

The SUNDERWELL Electric ATV is equipped with several features designed for performance and safety:

- **Powerful 500W Motor:** Equipped with a 500W motor and a 36V 12Ah battery, providing two adjustable

speeds.

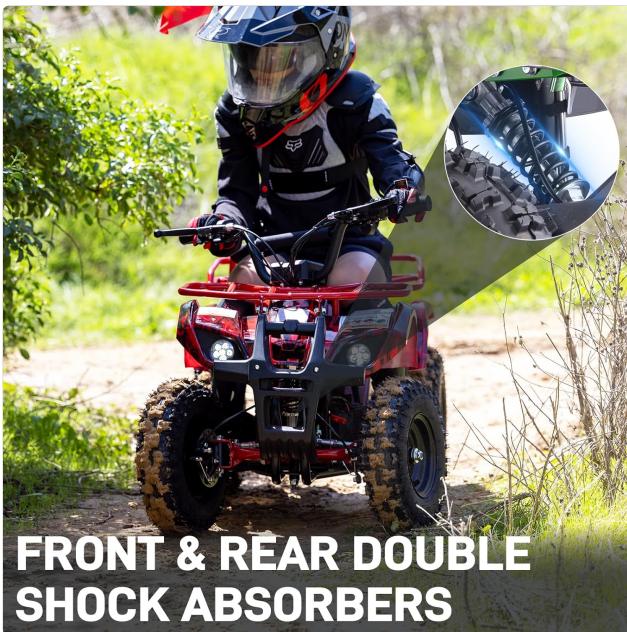
- **Dual Speed Adjustment:** Switch between 10 MPH (Low Speed) and 15 MPH (High Speed) for varied riding experiences.
- **Multi-Terrain Capability:** Features 4.10-6 tubeless pneumatic tires suitable for flat surfaces, parks, lawns, sand, and mud.
- **Enhanced Comfort and Stability:** Front and rear hydraulic shock absorbers, combined with disc brakes, ensure stable and controlled rides on uneven terrain.
- **Compact Design:** Weighs 100 lbs with dimensions of 41" x 26" x 23", making it manageable for transport and storage.
- **Dual Headlights:** For improved visibility.



Image: Speed adjustment dial for selecting 10 MPH (Low) or 15 MPH (High) settings.



Image: Illustration of the 500W electric motor and rear wheel assembly.



FRONT & REAR DOUBLE SHOCK ABSORBERS

Image: Detail of the front hydraulic shock absorber, highlighting suspension for comfort.

SUITABLE FOR VARIOUS TERRAINS 4.10-6 Pneumatic Tires



Image: The ATV's pneumatic tires are suitable for diverse terrains including grassland, sand, and sloping ground.

4. SETUP

4.1. Assembly

The ATV requires some assembly upon arrival. Follow the detailed instructions provided in the separate assembly guide included with your product. Ensure all bolts and fasteners are securely tightened before initial use.

4.2. Initial Battery Charge

Before the first ride, fully charge the 36V 12Ah battery. Charging typically takes 6-8 hours. Refer to the charging indicator on the charger for completion. Do not overcharge the battery.

- Connect the charger to the ATV's charging port.

- Plug the charger into a standard electrical outlet.
- The indicator light on the charger will change color (e.g., red to green) when charging is complete.
- Disconnect the charger once the battery is fully charged.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

To power on the ATV, insert the key into the ignition and turn it to the "ON" position. To power off, turn the key to the "OFF" position and remove it.

5.2. Speed Adjustment

The ATV features a dual-speed adjustment function. Use the key-operated switch to select between Low Speed (approximately 10 MPH) and High Speed (approximately 15 MPH). This allows parents to control the maximum speed for rider safety.

5.3. Acceleration and Braking

Use the throttle on the handlebar to accelerate. Apply the hand brakes to slow down or stop. Familiarize yourself with the braking system in a safe, open area before riding at higher speeds.

5.4. Terrain Operation

The ATV is designed for various terrains, including flat ground, grass, sand, and light mud. Avoid extremely rough terrain, steep slopes, or deep water to prevent damage and ensure rider safety.



Image: Visual representation of the 10 MPH (Low Speed) and 15 MPH (High Speed) settings for parental control.

6. MAINTENANCE

6.1. Battery Care

- Charge the battery after each use.
- If storing the ATV for an extended period, charge the battery fully every 30 days to maintain its lifespan.

- Do not expose the battery to extreme temperatures.

6.2. Tire Pressure

Regularly check the pressure of the 4.10-6 pneumatic tires. Maintain the recommended pressure as indicated on the tire sidewall for optimal performance and safety.

6.3. Brake Inspection

Inspect the disc brakes periodically for wear and proper function. Ensure brake levers are responsive and provide adequate stopping power. Adjust or replace components as necessary.

6.4. General Cleaning

Clean the ATV with a damp cloth after use. Avoid using high-pressure washers directly on electrical components. Keep the chain free of debris and lubricated.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your SUNDERWELL Electric ATV.

Problem	Possible Cause	Solution
ATV does not power on.	Battery is discharged; Key not in "ON" position; Loose electrical connection.	Charge the battery; Ensure key is fully turned; Check all visible connections.
Reduced power or speed.	Low battery charge; Incorrect speed setting; Overloaded.	Fully charge the battery; Select High Speed; Ensure rider weight is within limits.
Unusual noise from chain/rear assembly.	Chain misalignment; Lack of lubrication; Damaged sprocket.	Inspect chain alignment and tension; Lubricate chain; Contact customer support if components appear damaged.
Brakes not effective.	Worn brake pads; Loose brake cable; Air in hydraulic system (if applicable).	Inspect brake pads and cables; Adjust brake tension; Consult a qualified technician for hydraulic brake issues.

If you encounter issues not listed here or require further assistance, please contact SUNDERWELL customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	EA500-RA
Motor Power	500W
Battery	36V 12Ah (1 x 12V battery included)
Max Speed	Adjustable 10 MPH / 15 MPH

Feature	Detail
Cycling Time	45-60 minutes (depending on usage)
Product Dimensions (L x W x H)	41 x 26 x 23 inches
Item Weight	123 pounds
Maximum Weight Capacity	143 lbs (65 kg)
Tires	4.10-6 Tubeless Pneumatic
Recommended Age	Manufacturer recommended age: 20 years and up (Note: Product title suggests for Kids, please verify age appropriateness with manufacturer)



Image: Visual representation of the ATV's dimensions and weight capacities.

9. WARRANTY AND SUPPORT

SUNDERWELL is committed to customer satisfaction. For any inquiries or support needs, please refer to the following:

- **Returns and Exchanges:** Free returns and exchanges are available for 30 days. Please ensure the original packaging is retained.
- **Accessory Replacement:** Free replacement of accessories is available for 90 days.
- **Customer Service:** For technical assistance, parts, or warranty claims, please contact SUNDERWELL customer support.

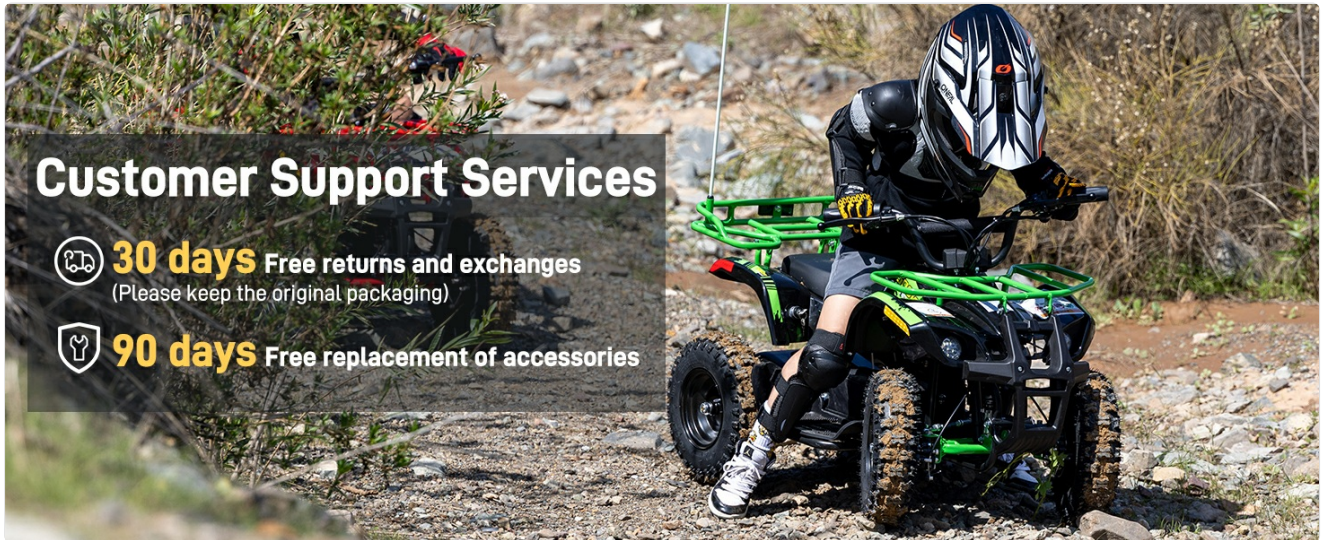


Image: Overview of SUNDERWELL's customer support and warranty policies.