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> SUNDERWELL Electric ATV 4 Wheeler for Kids, Model EA500-RA - Instruction Manual

SUNDERWELL EA500-RA

SUNDERWELL Electric ATV 4 Wheeler for Kids

Model: EA500-RA - Instruction Manual

1. IMPORTANT SAFETY INFORMATION

Read all instructions carefully before operating the SUNDERWELL Electric ATV. Failure to follow safety guidelines may result in serious injury or property damage. This product is intended for recreational use under adult supervision.

- Always wear appropriate protective gear, including a helmet, knee pads, and elbow pads, when operating the ATV.
- Ensure the rider's weight does not exceed the maximum capacity of 143 lbs (65 kg).
- Do not modify the ATV in any way. Modifications can compromise safety and void the warranty.
- Operate the ATV only in safe, open areas away from traffic, pedestrians, and obstacles.
- Maintain a safe distance from other vehicles and individuals.
- Regularly inspect the ATV for damage, loose parts, or wear before each use.
- Keep hands and feet away from moving parts.
- Do not operate in wet conditions or near water.

2. PRODUCT OVERVIEW

The SUNDERWELL Electric ATV 4 Wheeler (Model EA500-RA) is designed for children, featuring a robust 500W motor and a 36V 12Ah battery. It offers adjustable speeds and is equipped with features for comfort and stability across various terrains.



Image 2.1: Front view of the SUNDERWELL Electric ATV 4 Wheeler, highlighting its design and headlights.

Key Features:

- **Powerful 500W Motor:** Provides reliable performance with a 36V 12Ah battery.
- **Adjustable 2-Speed Settings:** Select between 10 MPH (low speed) and 15 MPH (high speed).
- **Dual Shock Absorbers:** Front and rear hydraulic shock absorbers ensure a smooth ride on uneven surfaces.
- **Disc Brakes:** Equipped with disc brakes for effective and controlled stopping power.
- **Durable Tires:** Features 4.10-6 tubeless pneumatic tires suitable for multi-terrain use.
- **LED Headlights:** Two integrated headlights for improved visibility.

4 WHEELERS ELECTRIC ATV

500w

36v

12AH



Image 2.2: Rear view of the ATV, illustrating the 500W motor and 36V 12Ah battery system.



FRONT & REAR DOUBLE SHOCK ABSORBERS

Image 2.3: Illustration of the front and rear double shock absorbers for enhanced ride comfort.

3. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged.

- SUNDERWELL Electric ATV (Main Unit)
- Charger
- User Manual
- Assembly Tools (if applicable)

4. ASSEMBLY & SETUP

The ATV may require minor assembly upon arrival. Refer to the included assembly guide for detailed, step-by-step instructions. Ensure all connections are secure and all bolts are tightened before initial use.

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Handlebar Installation:** Attach the handlebars securely.
3. **Wheel Attachment:** Ensure wheels are properly installed and secured.

4. **Battery Connection:** Connect the battery as per the assembly guide.
5. **Pre-Ride Inspection:** Before the first ride, perform a thorough inspection of all parts, including brakes, tires, and electrical connections.

5. OPERATING INSTRUCTIONS

5.1 Charging the Battery

- Locate the charging port on the ATV.
- Connect the charger to the ATV and then to a standard electrical outlet.
- The charging indicator light on the charger will show the charging status (typically red for charging, green for fully charged).
- A full charge takes approximately 6-8 hours. Do not overcharge.
- Ensure the ATV is turned off during charging.

5.2 Starting and Riding

1. **Power On:** Turn the main power switch to the 'ON' position.
2. **Speed Adjustment:** Use the key switch to select between low speed (10 MPH) and high speed (15 MPH).
3. **Acceleration:** Gently twist the throttle on the handlebar to accelerate.
4. **Braking:** Squeeze the brake levers on the handlebars to slow down or stop.
5. **Steering:** Turn the handlebars to steer the ATV.
6. **Emergency Stop:** In case of an emergency, release the throttle and apply both brakes firmly.

DUAL SPEED ADJUSTMENT FUNCTION

15mph
High Speed

10mph
Low Speed



Image 5.1: The dual speed adjustment function, allowing selection between 10 MPH and 15 MPH.

5.3 Terrain Suitability

The ATV is designed for multi-terrain use, including flat surfaces, parks, lawns, sand, and mud, thanks to its 4.10-6 tubeless pneumatic tires.

SUITABLE FOR VARIOUS TERRAINS

4.10-6 Pneumatic Tires



Image 5.2: Examples of suitable terrains for operating the ATV, including grassland, beach, and sloping ground.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your ATV.

- **Cleaning:** Wipe down the ATV with a damp cloth after each use. Avoid using high-pressure water jets directly on electrical components.
- **Tire Pressure:** Check tire pressure regularly and inflate to the recommended PSI.
- **Brakes:** Inspect brake pads and cables for wear and proper function. Adjust if necessary.
- **Chain:** Keep the chain clean and lubricated. Check for proper tension.
- **Battery Care:** Charge the battery fully after each use. If storing for an extended period, charge every 30 days to maintain battery health.
- **Fasteners:** Periodically check all nuts, bolts, and fasteners to ensure they are tight.

7. TROUBLESHOOTING

If you encounter issues with your ATV, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
ATV does not power on	Battery is discharged; Power switch is off; Loose battery connection	Charge the battery; Turn on the power switch; Check and secure battery connections
Reduced power or speed	Low battery charge; Overloaded; Motor issue	Recharge battery; Ensure rider is within weight limit; Contact customer support
Brakes not working effectively	Worn brake pads; Loose brake cable; Disc brake misalignment	Inspect and replace brake pads; Adjust brake cable tension; Consult assembly guide for disc brake adjustment or contact support
Unusual noises during operation	Loose chain; Debris in drivetrain; Worn bearings	Check and adjust chain tension; Clean drivetrain; Contact customer support for inspection

If the problem persists after attempting these solutions, please contact SUNDERWELL customer support.

8. SPECIFICATIONS

Detailed technical specifications for the SUNDERWELL Electric ATV Model EA500-RA.



Image 8.1: Visual representation of the ATV's dimensions, recommended age, product weight, and maximum load capacity.

Feature	Detail
Model Number	EA500-RA
Motor Power	500W
Battery	36V 12Ah
Speed Settings	10 MPH (Low), 15 MPH (High)
Cycling Time	45-60 minutes (per charge)
Charging Time	6-8 hours
Maximum Weight Capacity	143 lbs (65 kg)
Product Dimensions	41 x 26 x 23 inches
Item Weight	123 pounds

Feature	Detail
Tires	4.10-6 Tubeless Pneumatic Tires
Brakes	Disc Brake System
Suspension	Front/Rear Hydraulic Shock Absorbers
Recommended Age	20 years and up (<i>Note: Product title suggests for kids, please verify age appropriateness with manufacturer</i>)

9. OFFICIAL PRODUCT VIDEOS

No official seller videos were provided for embedding in this manual. Please refer to the product page for any available video content.

10. WARRANTY & SUPPORT

SUNDERWELL is committed to customer satisfaction. For warranty information, returns, or technical support, please refer to the following:

- **Returns:** This product typically offers a 30-day easy return policy. Please retain original packaging for returns.
- **Replacement Parts:** A 90-day free replacement of accessories may be available.
- **Customer Service:** For any issues or inquiries, please contact SUNDERWELL customer support through the retailer's platform or the official brand website.