

# Apollo S Training Guide

## Introduction

The **Apollo S** is a revolutionary **portable stadium light tower solution** designed for **sports, construction, defense, and recreational use**. With ultra-bright **40,000 lumens**, a **telescoping carbon-fiber mast** extending from **4' to 20'**, and **lithium-ion battery power**, the **Apollo S** transforms any outdoor space into a **professionally lit area** at a **fraction of the cost of traditional stadium lighting**.

This guide will walk you through **setup, usage, maintenance, and best practices** to maximize performance and longevity.

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## 1. Product Overview

### Key Features

- **Ultra-Portable:** Lightweight design (**under 75 lbs**), easy to transport, fits in compact vehicles.
- **High-Performance LED Lighting:** Two **20,000-lumen LED lamps** (40,000 lumens total).
- **Adjustable Height:** Telescopic mast expands from **4' to 20'** in seconds.
- **Battery-Powered:** **Lithium-ion rechargeable battery** with **3 brightness levels** and up to **10 hours per charge**.
- **Versatile Mounting:** Free-standing **tripod legs** or **fence-mountable** for stability.
- **Durability:** Withstands **40+ mph winds, ball impacts, and accidental collisions**.
- **Recharge & Power Options:** Recharges in under **3 hours**, can be used while plugged into a **wall outlet**.

### Ideal Applications

- **Sports:** Pickleball, basketball, volleyball, soccer, tennis, camping.
  - **Events:** Outdoor gatherings, construction sites, security, emergency response.
  - **Commercial & Industrial Use:** Work zones, military, and disaster relief lighting.
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## 2. Setup & Installation

### Step 1: Unpacking & Inspection

- Open the packaging and verify all components:
  - **Apollo S light tower**
  - **Battery pack**
  - **LED lamps (pre-installed)**
  - **Tripod legs or fence-mount brackets**
  - **Charging adapter**
- Check for any damage before assembly.

### Step 2: Assembling the Light Tower

#### Using the Tripod Base

1. Unfold the tripod legs and place the unit on a **flat surface**.
2. Lock the legs into position.
3. Attach the **light head assembly** to the telescoping mast.

#### Fence Mounting

1. Secure the fence-mount bracket to a **sturdy post or fence**.
2. Insert the mast into the bracket and tighten the securing mechanism.

### Step 3: Extending the Mast

1. Unlock the telescoping sections **one at a time**.
2. Extend the mast **gradually** to the **desired height**.
3. Lock each section **firmly** to prevent collapse.

### Step 4: Powering On the Apollo S

1. Insert the **fully charged** battery pack into the base.
  2. Press the **power button** on the control panel.
  3. Adjust brightness levels using the **brightness control settings**.
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### 3. Usage & Best Practices

#### Lighting Adjustments

- Position the light **15-20 feet from the court/field** for even illumination.
- Use **multiple units** for larger areas:
  - **2 units** for a **single pickleball court**.
  - **3 units** for **two side-by-side courts**.

#### Battery Optimization

- Use **medium brightness** for extended runtime (**up to 10 hours**).
- Keep a **spare battery** to **swap and extend play time**.
- **Charge fully before use** to ensure maximum output.

#### Weather & Safety Considerations

- The Apollo S can **withstand winds up to 40+ mph**, but ensure the unit is **properly secured** in extreme weather.
- Avoid **submerging the unit in water**.
- Do not obstruct airflow around the **battery compartment** to prevent overheating.

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### 4. Maintenance & Troubleshooting

#### Routine Maintenance

- **Clean lenses** regularly with a soft cloth to **maintain brightness**.
- Check the **mast locks and joints** for dirt or debris.
- **Store batteries in a cool, dry place** when not in use.
- Inspect the **power connections and wiring** periodically.

#### Troubleshooting Common Issues

Issue	Possible Cause	Solution
No power	Battery not inserted properly	Reinsert battery, check for charge
Dim lights	Low battery	Recharge or replace battery
Mast not extending	Locking mechanism jammed	Clean and lubricate sections
Flickering lights	Loose connections	Check wiring and tighten connections

## 5. Conclusion

The **Apollo S Portable Light Tower** is the **most advanced, portable, battery-powered sports lighting solution** available today. Its **ease of use, durability, and affordability** make it the perfect **alternative to traditional stadium lighting**. By following this training guide, you can **set up, operate, and maintain** the Apollo S effectively, ensuring **top performance and customer satisfaction**.

For more details and support, visit: [Eversun Lighting FAQ](#).