

## AGPTEK 2017 outdoor-tabletop-lanterns

# AGPTEK Solar Lantern Instruction Manual

Model: 2017 outdoor-tabletop-lanterns

## INTRODUCTION

This manual provides essential information for the safe and efficient operation of your AGPTEK Solar Lantern.

Please read these instructions thoroughly before using the product and retain them for future reference.

The AGPTEK Solar Lantern is an ultra-bright LED lantern designed for various outdoor activities and emergency situations, including camping, reading, fishing, car repairs, hiking, and power outages. It features multiple charging methods and two brightness modes for versatile use.

## SAFETY INFORMATION

- Do not look directly into the LED lights when illuminated to avoid eye strain.
- Keep the lantern away from extreme temperatures and direct sunlight for prolonged periods when not in use to prevent damage to internal components.
- Ensure the battery compartment is securely closed if using AAA batteries.
- Do not attempt to disassemble or modify the lantern, as this may void the warranty and pose a safety risk.
- This product is not water-resistant. Avoid exposure to rain or moisture.

## PACKAGE CONTENTS

The package includes the following items:

- 1 x Hand Crank Solar 36 LED Lantern
- 1 x Car Charger Adapter
- 1 x AC Adapter

## PRODUCT OVERVIEW & FEATURES

The AGPTEK Solar Lantern is equipped with 36 high-brightness LED lights, offering low power consumption and a long operational life. Its robust design includes a handle for portability and a hook for hanging. The lantern supports multiple charging methods to ensure reliability in various situations.

- **Ultra-bright LED Light:** Features 36 high-brightness LED lights for efficient illumination.
- **5 Charging Methods:** Can be charged via Solar Power, Hand Crank Dynamo, AC Adapter, Car Adapter, or 3 x AAA Batteries (not included).
- **USB Output:** Includes a universal USB charging port (DC 5V/1A) for charging mobile phones and other devices.
- **2 Brightness Modes:** Offers a bright mode for general activity and a super bright mode for maximum illumination.
- **Integrated Hook:** A hook swings out from the handle for easy hanging.
- **Charging Indicators:** A red light indicates low charge or charging in progress, while a green light indicates a full charge.



Figure 1: AGPTEK Solar Lantern with key components labeled, including the handle, solar panel, LED lights, steel ring, power light, switch, and USB port.



Figure 2: Close-up of the AGPTEK Solar Lantern demonstrating the hand crank dynamo for manual charging.

## SETUP

### Initial Charging

Before first use, it is recommended to fully charge the lantern using one of the primary methods to activate the internal battery. This typically takes 6-7 hours via solar power or AC adapter.

### Battery Installation (Optional)

The lantern can also be powered by 3 x AAA batteries (not included) as an alternative power source. To install:

1. Locate the battery compartment cover on the bottom of the lantern.
2. Open the cover and insert 3 AAA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

## Charging Methods

The AGPTEK Solar Lantern offers five versatile charging options:

- **Solar Powered:** Place the lantern with the solar panel facing direct sunlight. The charging indicator light will illuminate.
- **Hand Crank Dynamo:** Extend the hand crank and rotate it clockwise or counter-clockwise to generate power. One minute of cranking at approximately 120 rpm provides 20 minutes of light. The charging indicator light will illuminate during cranking.
- **AC Adapter:** Connect the provided AC adapter to the lantern's charging port and plug it into a standard wall outlet.
- **Car Charger Adapter:** Use the provided car charger adapter to charge the lantern from your vehicle's cigarette lighter socket.
- **USB Charging:** The lantern has a USB input port. If a USB cable was included (check your package), connect it to the lantern and a USB power source (e.g., computer, USB wall adapter). If no USB cable was included, use a standard USB cable.



Figure 3: Visual representation of the five charging methods: Solar Powered, USB Charging, 3\*AAA Batteries (Not Included), Car Charger Adapter, and Hand Crank Dynamo.



## OPERATING INSTRUCTIONS

### Turning On/Off and Brightness Modes

The lantern features a power switch to control illumination and select brightness modes:

1. Press the power button once for "Bright mode" (adequate for reading and most normal activity).
2. Press the power button a second time for "Super bright mode" (maximum illumination).
3. Press the power button a third time to turn the lantern off.

**Bright mode**



**2 BRIGHTNESS MODES**



**Super bright mode**



Figure 4: Comparison of the two brightness modes: "Bright mode" and "Super bright mode" of the AGPTEK Solar Lantern.

### Using the USB Output

The lantern can act as a power bank to charge other devices:

1. Locate the USB output port on the side of the lantern.
2. Connect your device's charging cable to the USB output port.
3. The lantern will begin charging your device (output: DC 5V/1A).



Figure 5: The AGPTEK Solar Lantern connected via its USB output port to charge a smartphone.

## Demonstration Video

Watch this video for a demonstration of the AGPTEK Solar Lantern's features and brightness:

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Video 1: A user demonstrating the AGPTEK Solar Lantern, showcasing its various features and light output in different environments.

## MAINTENANCE

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- Clean the solar panel regularly with a soft, damp cloth to ensure optimal charging efficiency.
- Store the lantern in a cool, dry place when not in use.
- If using AAA batteries, remove them if the lantern will not be used for an extended period to prevent leakage.
- Periodically charge the internal battery, even if not in use, to maintain its lifespan.

## TROUBLESHOOTING

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- **Lantern not turning on:** Ensure the internal battery is charged or that fresh AAA batteries are installed. Check

the power switch.

- **Solar charging not working:** Ensure the solar panel is clean and exposed to direct sunlight.
- **Hand crank not charging:** Ensure the hand crank is rotating smoothly and consistently. The charging indicator should light up.
- **USB output not charging devices:** Verify the lantern has sufficient charge. Ensure the device's charging cable is properly connected.

SPECIFICATIONS

Feature	Detail
Brand	AGPTEK
Model Number	2017 outdoor-tabletop-lanterns
Light Source Type	Light Emitting Diode (LED)
LED Quantity	36
Power Source	Solar Powered, Hand Crank, AC Adapter, Car Adapter, 3x AAA Battery
USB Output	DC 5V/1A
Material	Black ABS Plastic with matte texture finish, Silver Painted ABS Plastic and Solar Cell (Cap), Chrome Plastic (Light Housing), Clear Plastic (Globe), Chrome HD Wire (Globe Guard)
Color	Black
Product Dimensions	4.72"L x 4.72"W x 10.04"H (approx. 12cm x 12cm x 25.5cm)
Solar Charging Time	Approx. 6-7 hours
Water Resistance Level	Not Water Resistant
UPC	757440613108



Figure 6: Dimensions of the AGPTEK Solar Lantern, showing a height of 25.5cm and a base width of 12cm.

## WARRANTY & SUPPORT

For warranty information and customer support, please refer to the contact details provided with your purchase or visit the official AGPTEK website. Keep your proof of purchase for any warranty claims.