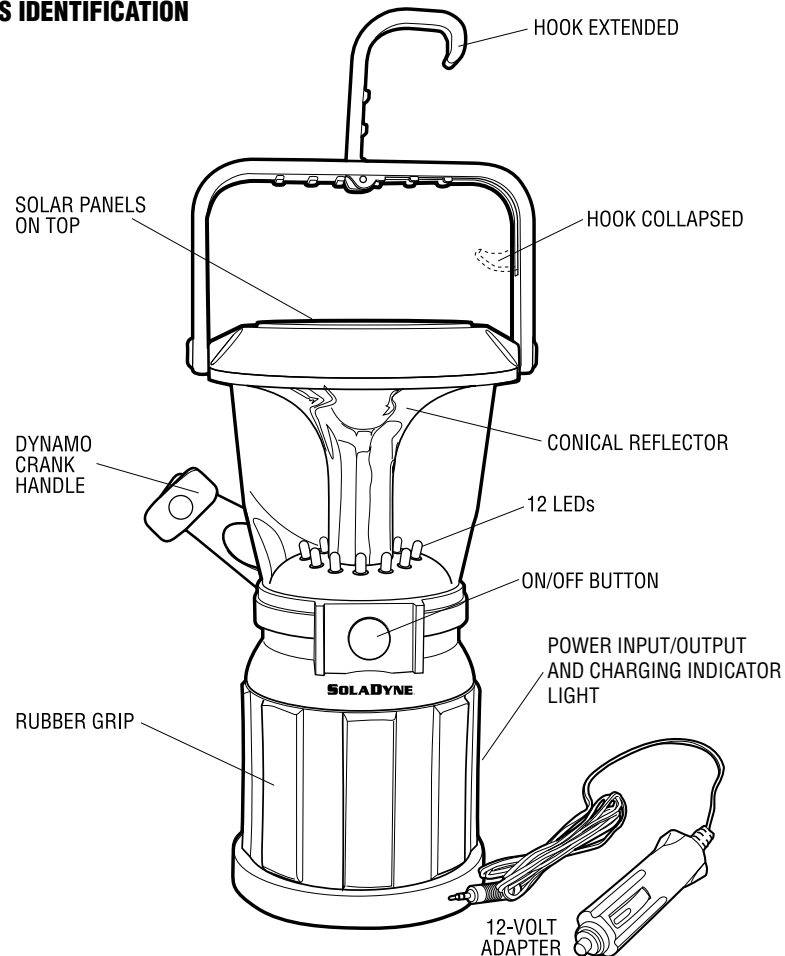


SolaDyne® Solar Lantern #7450

IMPORTANT SAFEGUARDS

- Read all instructions before operating
- Do not operate at temperatures above 120°F or below 32°F
- To reduce the risk of electric shock, do not submerge the unit or its accessories in any liquid. Unit is water resistant but not waterproof.
- Do not use in flammable or explosive environments
- For better light quality, protect the lantern globe from scratching
- Turn off lantern before charging
- For maximum battery efficiency, never completely deplete stored power
- Store in a clean dry place when not in use
- Administer close supervision when using around children

PARTS IDENTIFICATION



CHARGING

For all methods of charging, make sure the lantern is off or the battery will not charge completely. If the unit has not been used for more than 30 days it is recommended that you recharge using the included DC charger, or the available Power Adapter Kit (#7991 sold separately) to recondition the rechargeable battery. Disconnect accessory charging adapters after fully charged.

During any of the following methods of charging the red charging indicator light will illuminate. Leaving either auxiliary charging adapter connected after a full charge is achieved will not harm the lantern.

Solar Charging:

1. Remove the clear plastic solar film protector. Place the lantern outside with the Solar Panel in direct sunlight for maximum effectiveness.
2. On a bright sunny day it will fully charge within 10-12 hours. Charging in partial sunlight and cloudy weather will charge at a slower rate.

Dynamo Charging:

1. Open the Dynamo Hand Crank and rotate steadily clockwise at approximately 130 cycles/minute for a minimum of 3 minute. Longer wind-up times will yield a longer power duration.
2. Close the arm.

12-Volt DC Charging Adapter (included):

1. Plug the charger into the input/output jack of the lantern and into your vehicle's cigarette lighter or accessory outlet.
2. Allow 3 hours to achieve a full charge.

AC/DC Charging (#7991 Power Adapter Kit available but not included):

1. Plug the charger into the input/output jack of the lantern and into an AC wall plug.
2. Allow 3 hours to achieve a full charge.

Cell Phone Charging:

#7995 Cell Phone Charging Kit is required for this function (sold separately). It is available from your local retailer or from www.athenabrands.com. Plug the charging cord into the power input/output jack of the lantern and select the proper cell phone adapter tip from the kit. Follow all instructions included with the Kit. Wind the hand crank for a minimum of 3 minutes to charge the cell phone.

OPERATION

Press the ON/OFF button

- once to illuminate 6 LEDs
- twice to illuminate 12 LEDs
- three times to turn everything off

To hang the lantern, extend the hook from the handle to an upright position (see drawing)

STORAGE

Cover lantern to protect from environmental conditions or store indoors when not in use.

TECHNICAL INFORMATION

SPECIFICATIONS	
INTERNAL RECHARGEABLE BATTERY	Replaceable 3.6V AAA 600mAh NiMH 1-2 years (500-1000 full charging cycles)
BATTERY REPLACEMENT	The battery may be replaced to extend the life of your lantern. Batteries are available from your local electronics store or online retailer. To replace your battery: 1. Remove the battery cover on the base of the lantern. 2. Disconnect the battery from the lantern 3. Replace with the same size specified above.
SOLAR PANEL	3.54" (90mm mono-crystalline. 0.33W (5.5V 60 mA) 3+ year life
LED SPECIFICATION	≤ 100,000 hours
WEIGHT	1 lb. 12 oz.
DIMENSIONS	4.4" W x 9.6" H
LANTERN POWER	DC Input: 6V DC, 300 maH DC Output: 5.2V DC, 450-550 maH
12-VOLT DC CHARGER (INCLUDED)	Input: 12V DC Output: 6V 300 maH Fuse: F2AL250V glass fuse
120-VOLT AC/DC CHARGER (NOT INCLUDED-SOLD SEPARATELY IN #7991 KIT)	Input: 120V AC 50/60 Hz Output: 6V 300 maH Positive polarity

POWER DURATION	LANTERN
After 10-12 hours of solar charging (full battery charge)	6 hours 6-LEDs 3 hours 12-LEDs
After winding for 1-3 minutes at 130 rpm	30 minutes 6-LEDs 20 minutes 12-LEDs
Charging with the 12V DC or 120V AC/DC adapter for 3 hours	6 hours 6-LEDs 3 hours 12-LEDs

Cell Phone Charging	Up to 10 minutes talk time with 3-10 minutes of winding. Longer times may be achieved with increased winding
----------------------------	---

ATHENA

ATHENA BRANDS

An Aervoe Industries, Inc. Company

Gardnerville, NV 89410 • 1-800-272-8603

www.athenabrands.com • mailbox@athenabrands.com

SolaDyne® is a registered trademark of Aervoe Industries, Inc.
and a trade style of Athena Brands.

7450inst; cs9/10

SOLADYNE®

Solar Lantern

Patent Pending

OPERATING INSTRUCTIONS

