

Model
6119

TEKTON®

36 LED 2-IN-1 FLASHLIGHT/WORKLIGHT

OPERATOR'S MANUAL

STORE THIS MANUAL IN A SAFE
PLACE FOR FUTURE REFERENCE



WARNING: Please read and understand entire manual, including all safety information, before operating or charging worklight. Failure to follow all instructions could result in damage to worklight, property damage, or injury.



WARNING: Worklight contains a strong magnet in stand-up base. Do not set worklight on or near computer equipment, computer disks or other types of magnetic storage or equipment. Magnetic fields can erase data.



WARNING: LEDs are extremely bright. Overexposure can cause permanent eye damage. Never look directly into LED light or shine the light toward anyone's eyes. This tool is not a toy - keep away from children.

WARNING: This light is not certified or recommended for use in areas identified in NEC Hazardous Location Classification and Ignition Temperatures.

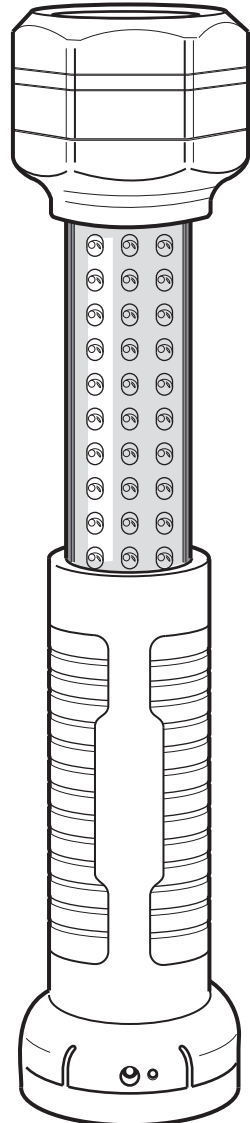


NEED HELP?

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888-648-8665

support@tektontools.com



TEKTON® FLASHLIGHT/WORKLIGHT

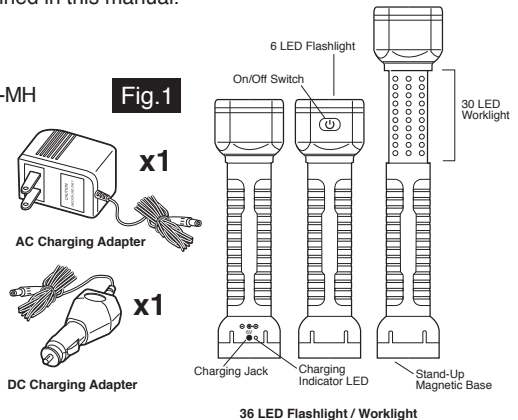
Your new cordless rechargeable worklight is an all-purpose light designed to provide safe illumination almost anywhere - automotive, construction, roadside emergencies, power outages, camping/tent light, and more. Proper use and care of your worklight will help ensure a longer life and trouble-free operation. Be sure to read and follow all instructions contained in this manual.

Specifications

- Power: 3.6 VDC
- Battery Pack: Rechargeable, 3.6 VDC, 1.0 Ah, Ni-MH
- LED-Bulb Life: 100,000 Hrs.
- Dimensions: 10" L (14-1/4" extended), 2-1/2" Diameter
- Run Time: 3 hours (30 LEDs), 8 hours (6 LEDs)
- Recharge Time: 4-6 hours

- AC Charging Adapter
Input: 110-120 VAC, Output: 6 VDC, 300 mA

- DC Charging Adapter
Input: 12 VDC, Output: 12 VDC

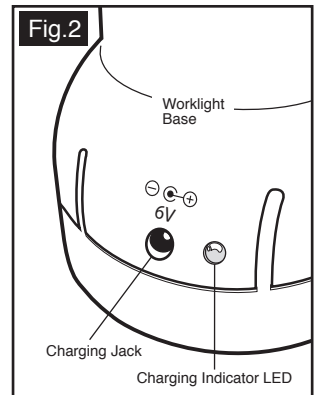


Charging the Internal Battery

⚠ The worklight is shipped with a minimal charge in the internal battery pack. **The Initial Charging Procedure must be completed before first use to ensure proper battery life and performance.** Failure to follow described charging procedures could permanently damage the internal battery pack. AC and DC charging adapters are for re-charging battery only. They cannot be used to directly power the worklight.

Initial Charging Procedure (AC Adapter Only)

- 1.) Set light on its base so it is standing vertically. Plug adapter into charging jack on base of worklight (see Fig.2).
- 2.) Plug AC adapter into 110-120 VAC, 60 Hz outlet.
- 3.) Locate charging indicator LED (Fig.2). When adapter is properly plugged into charging jack and AC outlet, indicator LED will glow red.
- 4.) Charge unit for **8 hours**. Indicator LED may glow green before initial charge is complete. It is important to complete a **full 8 hour charge** regardless of indicator LED color. **To prevent overheating, remove from charge after 8 hours.**
- 5.) When operating for the first time, allow unit to run until battery is discharged (light is dim or dark).
- 6.) The Initial Charging Procedure is now complete. To recharge unit, refer to Normal Charging Procedure below.



Normal Charging Procedure (AC Adapter)

- 1.) Set light on its base so it is standing vertically. Plug adapter into charging jack (Fig.2).
- 2.) Plug adapter into 110-120 VAC, 60 Hz outlet.
- 3.) Locate charging indicator LED (Fig.2). When adapter is properly plugged into charging jack and AC outlet, indicator LED will glow red.
- 4.) Charge for 4 hours or until charging indicator LED glows green. **To prevent overheating, do not charge for more than 8 hours.**
- 5.) Unplug AC adapter from electrical outlet, then disconnect from worklight.

AC Charging Safety Precautions

Use AC charging adapter indoors in a dry location only. Exposure to damp or wet conditions could cause electrocution or damage to adapter.

Do not use charging adapter in combination with any extension cord, electrical generators, or step-up transformers. Always plug AC cord directly into a 110-120 V 60Hz AC outlet in a suitable location.

Do not allow charging adapter to come in contact with water, rain, or snow. Store in dry location only. If charging adapter does come in contact with water, place in a dry location at room temperature on a soft, absorbent towel and allow to thoroughly dry. Do not operate until it is completely free of moisture. If it becomes submerged in water, discontinue use immediately. Contact Michigan Industrial Tools or your local retailer for a replacement charging adapter.

Store AC adapter so it will not be confused with similar adapters for other products. Use only the AC Charging Adapter supplied with worklight to charge worklight. Attempting to charge worklight with an adapter that is not compatible could result in fire, damage to worklight, or personal injury.

DC Charging Adapter

! *The DC Charging Adapter is not intended as a primary charging source. Since charging times can be significantly longer, it is recommended that the DC Charging Adapter be used only when there is no AC power source available.*

- 1.) Set light on stable surface. Plug adapter into charging jack on base of worklight.
- 2.) Plug DC adapter into vehicle lighter/12 VDC accessory socket. Locate charging indicator LED (Fig. 2). When adapter is properly plugged into charging jack and 12 VDC accessory outlet, charging indicator LED will glow red. **To prevent overheating, do not charge for more than 8 hours.**
- 3.) When indicator LED glows green, unit is fully charged. Disconnect DC adapter from 12 VDC outlet, then from worklight.

DC Charging Safety Precautions

DC charging adapter can be used in almost any vehicle or portable DC power station by plugging into lighter/12 VDC accessory power socket. Consult vehicle or power station owner's manual for more information on operating 12 VDC accessories. Do not drive vehicle while charging worklight. Unsecured worklight may move suddenly around passenger compartment becoming a hazard during certain driving maneuvers.

Do not allow charging adapter to come in contact with water, rain, or snow. Store in dry location only. If charging adapter does come in contact with water, place in a dry location at room temperature on a soft, absorbent towel and allow to thoroughly dry. If it becomes submerged in water, discontinue use. Contact Michigan Industrial Tools or your local retailer for a replacement charging adapter.

Use only the DC Charging Adapter supplied with worklight. Attempting to charge worklight with an adapter that is not compatible could result in fire, damage to worklight, or personal injury.

Notes on Charging

Charge after each significant use. Do not store unit for long periods of time with battery in uncharged condition as damage to battery could result.

This product contains an internal Nickel-Metal Hydride battery pack and must be recharged every 30-45 days to ensure optimum performance.

If you have followed charging instructions as described above and experience unsatisfactory performance, consult the troubleshooting guide.

Using the Worklight: Two Operating Modes

Mode 1 (6 LED Flashlight): Use on/off switch (Fig.1) to operate the 6 LED flashlight head. On a full battery charge, 6 LEDs will operate up to **8 hours** (Fig.3).

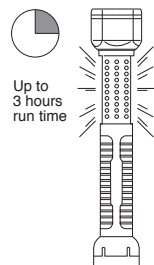
Mode 2 (30 LED Worklight): Extend body to operate 30 LEDs, retract to shut off. On a full battery charge, 30 LEDs will operate up to **3 hours** (Fig.3).

Fig.3

**Mode 1:
6 LED mode for
maximum run time**



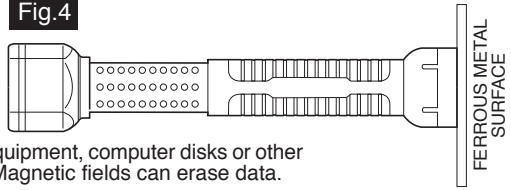
**Mode 2:
30 LED mode for
maximum illumination**



Magnetic Base

The worklight features a stand-up base with a built-in magnet. Soft coating on bottom of base allows worklight to be magnetically attached to vehicle body panels or under hood without damaging or scratching paint. (Fig.4)

Fig.4



⚠ Do not set worklight on or near computer equipment, computer disks or other types of magnetic storage or equipment. Magnetic fields can erase data.

Maintenance

Storage

Charge unit after each significant use and before any long period of storage. Do not store worklight for long periods with the battery in uncharged condition. This could permanently damage the battery. Store worklight and charging adapters in a clean, dry area. Be sure to keep charging adapters included with this product stored separately from similar items belonging to other products. Only the charging adapters included with this worklight are compatible. Mistakenly using a non-compatible charger could cause damage to worklight or personal injury. The worklight can also be stored in vehicle for roadside emergency situations. If stored in vehicle, recharge battery every 30-45 days to ensure top performance in an emergency. To prevent worklight from being damaged, properly secure worklight and any accessories in a safe place in vehicle.

Cleaning

All exterior surfaces of worklight can be wiped clean with a soft cloth dampened with a soap and water solution. Do not immerse or submerge any part of worklight in water or other solvent. Use only a gentle soap detergent in cleaning solution. Never use solvents or cleaning agents containing petroleum (gasoline, kerosene, oil), paint thinner, turpentine, alcohol, or ammonia. Harsh materials will damage surfaces.

Repair

Any repairs should be performed by qualified personnel only. Do not open exterior casing of worklight. There are no user serviceable parts inside. Opening or visible attempts to open or repair worklight may void warranties and/or cause damage to tool or personal injury. LED bulbs will never wear out under normal conditions and do not need to be replaced. Rechargeable battery pack cannot be replaced.

⚠ This product contains an internal Nickel-Metal Hydride battery pack formulated from environmentally sensitive materials. This product must be disposed of properly. Contact a local recycler of batteries to handle disposal. Be aware that in many areas it is illegal to dispose of batteries improperly and doing so may result in fines and/or imprisonment. Consult local regulations for disposal. Never incinerate batteries as they may leak or explode.

Troubleshooting

Problem:	Possible Solutions:
Batteries do not hold a charge, LED lights are very dim or do not emit any light at all.	This product contains an internal Nickel-Metal Hydride battery pack and must be recharged every 30-45 days to ensure optimum performance. If product is stored for long periods of time and not charged regularly the batteries may become permanently damaged.
Charging Indicator LED does not change from red to green, flashes from red to green during charging, or glows green too quickly.	The Charging Indicator LED displays an estimate of battery condition during charging, and is not a precise measurement of battery capacity. If you are experiencing any of the problems listed, it may be due to an overly sensitive charging indicator. The unit may still charge and operate normally. Try charging the unit for 6 hours, disregarding the behavior of the charging indicator LED. Remove from charge after 6 hours and use normally. If you are satisfied with the performance continue using 6 hour charging cycles for your worklight.
Charging indicator LED does not light up at all.	Be sure the charging cord is completely seated into the charging jack on the worklight and that the AC adapter is completely seated into a 110-120 VAC wall outlet. If the wall outlet is controlled by a wall switch be sure it is turned on. If you are using the DC adapter check your automobile manual for proper DC outlet operation.



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