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Questions?

**Call customer service hotline
1-877-571-2391**

RECHARGEABLE LITHIUM-ION LED WORKLIGHT



**SAVE THIS INSTRUCTION MANUAL FOR FUTURE
REFERENCE.**

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Boca Raton, FL 33487 (877) 571-2391

Model Number BB24PE



Intertek

SAFETY GUIDELINES / DEFINITIONS

DANGER: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury and/or property damage.

RISK OF UNSAFE OPERATION. When using tools or equipment, basic safety precautions should always be followed to reduce the risk of personal injury. Improper operation, maintenance or modification of tools or equipment could result in serious injury and property damage. There are certain applications for which tools and equipment are designed. Manufacturer strongly recommends that this product NOT be modified and/or used for any application other than for which it was designed. Read and understand all warnings and operating instructions before using any tool or equipment.

READ ALL INSTRUCTIONS

WARNING: Read all instructions before operating light. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

IMPORTANT SAFETY INSTRUCTIONS

GENERAL SAFETY WARNINGS AND INSTRUCTIONS

WARNING – When using electrical appliances, basic precautions should always be followed, including the following:

- The light, the supplied charging cable and the optional 12 volt DC/USB charging adapter are not toys and cannot be played with as toys. To reduce the risk of injury, close supervision is necessary when these units are used near children.
- Use only attachments recommended or sold by the manufacturer.

WARNING – To reduce the risk of electric shock:

- Do not put the light in water or other liquid. Do not place or store this light where it can fall or be pulled into water or become wet.
- Charge indoors only.
- Do not expose the supplied charging cable, the 12 volt DC/USB charging adapter or battery to moisture, water or any other liquid.
- Use only the the charging cable and the 12 volt DC/USB charging adapter supplied by the manufacturer to recharge.

WARNING – Fire hazard: Keep light lamp away from materials that may burn.

CAUTION – To reduce the risk of injury or property damage:

- The LED gets hot quickly. Do not touch the hot lens, guard or enclosure.
- Never place the light face down on any surface when lit, charging or not in use. Never store the light face down on any surface.
- Never look directly into the light or shine the light into another person's eyes.
- Keep sharp objects away from lens — it can crack or break.
- Do not expose this unit to extremely high temperatures.
- Do not drop or throw light. It contains a lithium-ion battery.
- Plug in the charging cable at the light first, then plug into the charging source.
- Do not overcharge: Recharge until the charge status LED indicator lights blue.
- After charging/recharging, disconnect charging cable and wait 5 minutes before use.
- Do not crush, cut, pull or expose the charging cable to extreme heat.
- Position the charging cable so it does not become entangled or become a safety hazard. Keep the charging cable away from sharp edges.
- Do not open the light body casing. There are no user-serviceable parts inside.
- Do not operate the light without the lens in place.
- To reduce risk of damage to the charging cable, pull by the plug rather than the cord when disconnecting.
- Do not attempt to charge the unit if the USB charging cable or the 12 volt DC/USB charging adapter is damaged – contact customer service for replacement.

INSTRUCTIONS PERTAINING TO THE 12V DC/USB CHARGING ADAPTER

CAUTION – To reduce the risk of product damage:

- **NEVER CONNECT THE UNIT TO A POSITIVE GROUNDED VEHICLE.**
- The 12 Volt DC charging adapter must only be connected to batteries with a nominal output voltage of 12 volts. The unit will not operate from a 6 volt battery and will sustain permanent damage if connected to a 24 volt battery.
- Always connect the 12 volt DC/USB charging adapter to the 12 volt DC power source before plugging any devices into it.

INSTRUCTIONS PERTAINING TO THE USB PORTS

- **IMPORTANT:** Some household USB-powered electronics will not operate with the USB ports provided with this device. Check the manual of the corresponding electronic device to confirm that it can be used with this type of USB port.
- **The USB ports do not support data communication.** They only provide power to an external USB powered device (5V DC/1A using the light's USB port or 5V DC/2.1A using the USB port on the DC/USB charging adapter). Make sure the rating of equipment plugged into the each USB port does not exceed the amperage stated.
- Do not attach USB hubs allowing connection of multiple personal electronic devices to the USB port on the light or on the DC/USB charging adapter.

SPECIFIC SAFETY INSTRUCTIONS FOR LITHIUM-ION BATTERIES

WARNING – TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, BURST HAZARD, OR INJURY TO PERSONS OR PROPERTY:

Lithium-ion batteries are small, compact and ideal for providing long-lasting power to this unit. However, they must be used and charged properly. Improper use can result in serious injury, fire, or death.

- Lithium-ion batteries can explode in the presence of a source of ignition. Do not use the product in the presence of an open flame.
- Do not place this lithium-ion battery powered unit in fire or apply heat to it.
- Do not subject this lithium-ion battery powered unit to strong impacts or shocks. The battery in this unit contains safety and protection devices which, if damaged, may cause the battery to generate heat, rupture or ignite.
- Do not expose the lithium-ion battery to water or salt water, or allow the battery to get wet.

- Avoid storing this lithium-ion battery powered unit in the basement, bathroom or other areas of the house that are or may become wet or where humidity and moisture may concentrate.
- Do not leave this lithium-ion battery powered unit in direct sunlight, or use or store the unit inside cars in hot weather. Doing so may cause the battery to generate heat, rupture, or ignite. Using the battery in this manner may also result in a loss of performance and a shortened life expectancy.
- Never charge this unit near heat or flammable objects.
- **NEVER THROW WATER ON A BURNING LI-ION BATTERY!** If a lithium-ion battery does catch on fire, it will burn even more violently if it comes in contact with water or even moisture in the air. A fire extinguisher must be used.

BATTERY CHARGING AND CAPACITY

This unit is delivered in a partially charged state – you must fully charge it before using it for the first time.

When stored at room temperature with a full charge, Li-ion batteries will begin to discharge from the time they are manufactured, even when unused. Deep discharges also decrease their capacity. Battery life can be extended by the following:

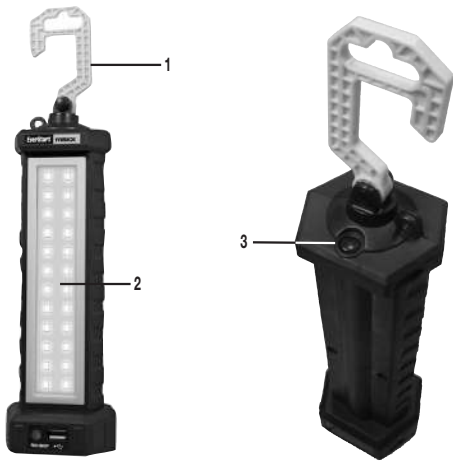
- Charge battery to full capacity before storage.
- Optimal storage temperature for this unit is between 5°C and 20°C (41°F and 68°F).
- Never discharge the battery fully.
- Charge after each use.
- Always charge at least once every 3-6 months if not in frequent use to prevent overdischarge.

TRANSPORTATION OF LITHIUM-ION BATTERIES

- Always check all applicable local, national, and international regulations before transporting a unit containing a Lithium-Ion battery.
- Transporting an end-of-life, damaged, or recalled battery may, in certain cases, be specifically limited or prohibited.

SAVE THESE INSTRUCTIONS

FEATURES



1. Hanging hook
2. 24 high intensity LEDs
3. Power/light mode button
4. Battery/charge status LED indicator / translucent USB power button
5. USB port (for use with the USB charging cable and 12 volt DC/USB charging adapter)
6. USB charging cable
7. 12 volt DC/USB charging adapter (optional accessory)
8. 12 volt DC/USB charging adapter LED Indicator
9. 12 volt DC/USB charging adapter USB port (optional accessory)
10. Magnetic base

READING THE BATTERY/CHARGE STATUS LED INDICATOR

The battery/charge status LED indicator is located inside the translucent USB Power Button. It lights or flashes in two colors to indicate the following:

When charging:

Blue: Battery is in a fully charged state.

Blue (flashing): Battery is in a partially charged state.

Red (flashing): Battery needs to be recharged.

Red (flashing rapidly): The battery of the unit is overheated due to extensive use or recharging. The charging process will stop at this stage and will automatically resume after a cool down period.

When operating the USB port (once the translucent USB power button has been pressed):

Blue: Battery is operating at full voltage.

Red: Battery is operating at partial voltage.

Red (flashing rapidly):

- Battery is operating at extremely low voltage. The built-in low voltage protection has activated and the unit will automatically shut down. The unit must be recharged immediately. **OR**
- The battery of the unit is overheated (due to extensive use or recharging), or is too cold (the ambient temperature has dropped below -20°C). Operation will stop at this stage.

CHARGING/RECHARGING THE LIGHT

This unit is shipped in a partially charged state. Charge unit after purchase and BEFORE first use until the battery/charge status LED indicator lights blue.

Recharge after each use until the charge status LED indicator lights blue.

IMPORTANT: When the unit is not in use, we recommend that the battery is charged at least every 3 to 6 months.

CAUTION – To reduce the risk of injury or property damage:

- Never place the light face down on any surface when charging.
- Make sure the light is turned OFF during recharging, as operating the light can slow the recharging process.
- Failure to keep the battery charged will cause permanent damage and result in poor performance.

CHARGING/RECHARGING USING THE USB CHARGING CABLE AND A DEVICE WITH A USB POWER PORT (NOT SUPPLIED)

1. Make sure the power mode button and the translucent USB power button are both turned off* (the light is not lit and the translucent USB power indicator/ power button is not lit).
* The translucent button does not operate the light, only the USB power port.
2. Insert the USB charging cable into the USB port on the light.
3. Insert the other end of the USB charging cable into a device's functional USB power port. The battery/charge status LED indicator will light or flash in one of two colors (as described in the "Reading the Battery/Charge Status LED Indicator" section) to indicate the charging status.
4. Charge until the battery/charge status LED indicator lights blue.
5. When charging is complete, disconnect the USB charging cable from the device's USB power port and the light. Store the cable in a safe place.

CHARGING/RECHARGING USING THE 12 VOLT DC/USB CHARGING ADAPTER

1. Make sure the power mode button and the translucent USB power button are both turned off* (the light is not lit and the translucent USB power indicator/ power button is not lit).
* The translucent button does not operate the light, only the USB power port.
2. Insert the USB charging cable into the USB port on the light.
3. Insert the other end of the USB charging cable into the 12 volt DC/USB charging adapter.
4. Insert the 12 volt DC/USB charging adapter into the 12 volt DC accessory outlet of a vehicle or other functioning 12 volt DC power source. The LED indicator on the 12 volt DC/USB charging adapter will light green when it is properly plugged into the 12 volt DC power source. The battery/charge status LED indicator will light or flash in one of two colors (as described in the "Reading the Battery/Charge Status LED Indicator" section) to indicate the charging status.
Note: Some vehicles require that the ignition be switched to the accessory position in order to power the accessory outlet.
5. Charge until the battery/charge status LED indicator lights blue.
6. When charging is complete, first unplug the 12 volt DC/USB charging adapter from the 12 volt DC power source, then disconnect the USB charging cable from the adapter and the light. Store the adapter and cable in a safe place.

OPERATING THE LIGHT

The power/light mode button turns the light on and off; and is also used to select the light mode.

CAUTION: Do not operate while charging.

Notes: The battery/charge status LED indicator will not light during operation of the light.

To check the battery status, make sure the light is turned off, then press on the translucent USB power button. The battery/charge status LED indicator will light or flash in one of two colors (as described in the "Reading the Battery/Charge Status LED Indicator" section) to indicate the internal battery status.

Disconnect the charging cable, then select the light mode as follows:

High: To turn the light on and use the light at its high (bright) setting, press the power/light mode button once.

Low: To turn the light on and use the light at its low (dimmer) setting, press the power/light mode button a second time.

Off: To turn the light off, press the power/light mode button a third time.

Flash: To use all the LEDs flashing, press and hold the power/light mode button anytime for about 5 seconds.

To turn the light off in Flash mode, press the power/light mode button once.

IMPORTANT – To protect the unit's internal battery from damage and save energy:

- If the translucent USB power button is pressed to turn on the USB Port when the unit is operating in High light mode, the unit will switch automatically to Low light mode.
- If the light's battery voltage is nearly low, the unit will switch automatically to Low light mode even if High light mode has been selected.
- If the light's battery voltage is low, the built-in low voltage protection will activate after a short period of operation, then the unit will automatically shut down. Recharge the battery before continuing use.

USING THE HANGING HOOK AND MAGNETIC BASE

The hanging hook and magnetic base allow you to position the light for convenient, hands-free operation. The hanging hook rotates 360° and tilts backward and forward to direct illumination as needed.

CAUTION – To reduce the risk of product damage:

- When light is hung by the hanging hook or attached using the magnetic base, do not shake the light or object that it is hanging from or attached to. Do not hang the light from or attach the light to any electrical wires or anything that it is not secure.
- Only use the hanging hook for hanging the light. The hanging hook is not intended to support additional weight. Do not attach or hang anything additional to the light or risk of breakage may occur.
- Do not attempt to "force" the hanging hook beyond its maximum angle. The hanging hook was designed to tilt forward and backward only.

OPERATING THE LIGHT'S USB PORT

The light's USB port provides 5 volts/1A of DC power to an external USB powered device.

1. Disconnect the USB charging cable and make sure the light is turned off.
2. Press the translucent USB power button to power on the USB port. The battery/charge status LED indicator will light or flash in one of two colors (as described in the "Reading the Battery/Charge Status LED Indicator" section) to indicate the internal battery status.
3. Simply plug the USB device into the light's USB port and operate normally.
4. Press the translucent USB power button again to turn off the USB port. Make sure the translucent USB power button is in the off position (is not lit) when the unit is being recharged or stored.

IMPORTANT: If the USB port is in use, the light will only operate in Low or Flash light mode.

OPERATING THE 12 VOLT DC/USB CHARGING ADAPTER'S USB PORT

Plug the 12 volt DC/USB charging adapter into a vehicle's 12 volt DC accessory outlet or other functioning 12 volt DC power source. The LED indicator on the 12 volt DC/USB charging adapter will light green to indicate that it is properly connected. Then simply plug the USB device into the USB outlet and operate normally.

Note: Some vehicles require that the ignition be switched to the accessory position in order to power the accessory outlet.

CARE AND MAINTENANCE

All batteries lose energy from self-discharge over time and more rapidly at higher temperatures. When the unit is not in use, we recommend that the battery is charged at least every 3 to 6 months.

From time to time wipe the outside of the appliance with a soft cloth. Do not immerse the appliance in water.

Except for the fuse in the 12 volt DC/USB charging adapter, there are no user-replaceable parts. Periodically inspect the condition of adapters, connectors and wires. Contact manufacturer to replace any components that have become worn or broken.

BATTERY REPLACEMENT/DISPOSAL

BATTERY REPLACEMENT

The battery should last the service life of the unit. Service life is dependent on a number of factors including but not limited to the number of recharge cycles, and proper care and maintenance of the battery by the end user. Contact manufacturer for any information you may need.

SAFE BATTERY DISPOSAL

Contains a lithium-ion battery, which must be disposed of properly. Recycling is required. Failure to comply with local, state and federal regulations can result in fines, or imprisonment.

Please recycle.

WARNINGS:

- Do not dispose of the battery in fire as this may result in an explosion.
- Before disposing of the battery, protect exposed terminals with heavy-duty electrical tape to prevent shorting (shorting can result in injury or fire).
- Do not expose battery to fire or intense heat as it may explode.



FUSE REPLACEMENT IN THE 12 VOLT DC/USB CHARGING ADAPTER



1. Unscrew the end cap counterclockwise and remove.
2. Remove center contact and fuse.
3. Check fuse with a continuity checker.
4. If blown, locate a replacement 2 amp fuse.
5. Replace the fuse, center contact and end cap.
6. Screw end cap clockwise until it is finger tight – DO NOT OVER-TIGHTEN.
7. Test for proper operation of the 12 volt DC/USB charging adapter.

TROUBLESHOOTING

Problem	Possible Solution
The light will not charge	<ul style="list-style-type: none">• Check that the light and the USB port are all turned off.• Check that the USB charging cable is properly connected to the light and the power source. Make sure there is good contact. Make sure the power source is functioning properly. <p style="text-align: center;">OR</p> <ul style="list-style-type: none">• Check that the USB charging cable is properly connected to the 12V DC/USB charging adapter and to the light.• Check the connection to the DC power source. Make sure there is good contact. Confirm that there is functioning DC current.• Check the plug fuse in the 12V DC/USB charging adapter. Replace the fuse following the instructions in this manual, if necessary.• The unit may have shut down to protect the battery from overheating after a long period of operation or charging. Unplug the USB charging cable or the 12V DC/USB charging adapter from the power source and from the light. Allow the light to cool down for a period before resuming charging.
The light will not operate	<ul style="list-style-type: none">• Make sure the power/light mode button has been pressed to turn the light on.• Check that the translucent USB power button is turned off.• The internal battery may be completely discharged. Charge the unit following the directions given in this manual.• The unit may have shut down to protect the battery from overheating after a long period of operation or charging; or the ambient temperature has dropped below -20°C. Allow the light to cool down or warm up for a period before resuming operation.
The light's USB port will not operate	<ul style="list-style-type: none">• Make sure the power/light mode button is turned off.• Make sure the translucent USB power button is pressed to turn the USB port on.• Make sure the rating of equipment plugged into the light's USB port does not exceed 1A continuous.• Some household USB-powered electronics will not operate with this USB port. Check the manual of the corresponding electronic device to confirm that it can be used with this type of USB port.• The internal battery may be completely discharged. Charge the unit following the directions given in this manual.
The 12V DC/USB charging adapter's USB port will not operate / LED indicator on the 12V DC/USB charging adapter does not come on	<ul style="list-style-type: none">• Check the connection to the 12 volt DC power source. Make sure there is good contact.• Confirm there is functioning DC current.• Check the plug fuse in the 12V DC/USB charging adapter. Replace the fuse following the instructions in this manual, if necessary.• Make sure the rating of equipment plugged into the charging adapter's USB port does not exceed 2.1A continuous.• Some household USB-powered electronics will not operate with this USB port. Check the manual of the corresponding electronic device to confirm that it can be used with this type of USB port.
If the unit does not charge or operate after taking the steps given above, contact the manufacturer at 1-877-571-2391.	

ACCESSORIES

Recommended accessories for use with this unit may be available from the manufacturer. If you need assistance regarding accessories, please contact manufacturer at 1-877-571-2391.

WARNING: The use of any accessory not recommended for use with this appliance could be hazardous.

SERVICE INFORMATION

Whether you need technical advice, repair, or genuine factory replacement parts, contact the manufacturer at 1-877-571-2391.

TWO-YEAR LIMITED WARRANTY

The manufacturer warrants this product against defects in materials and workmanship for a period of TWO (2) YEARS from the date of retail purchase by the original end-user purchaser ("Warranty Period").

If there is a defect and a valid claim is received within the Warranty Period, the defective product can be replaced or repaired in the following ways: (1) Return the product to the manufacturer for repair or replacement at manufacturer's option. Proof of purchase may be required by manufacturer. (2) Return the product to the retailer where product was purchased for an exchange (provided that the store is a participating retailer). Returns to retailer should be made within the time period of the retailer's return policy for exchanges only (usually 30 to 90 days after the sale). Proof of purchase may be required. Please check with the retailer for their specific return policy regarding returns that are beyond the time set for exchanges.

This warranty does not apply to accessories, bulbs, fuses and batteries; defects resulting from normal wear and tear, accidents; damages sustained during shipping; alterations; unauthorized use or repair; neglect, misuse, abuse; and failure to follow instructions for care and maintenance for the product.

This warranty gives you, the original retail purchaser, specific legal rights and you may have other rights which vary from state to state or province to province. This product is not intended for commercial use.

APPENDIX

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not approved by the party responsible for compliance could void user's authority to operate the equipment.

SPECIFICATIONS

Light (Conforms to UL STD.73)

Bulb:	24 ultra bright LEDs
Battery:	Lithium-Ion, 3.6 V DC
Input:	5V DC, 2.1A max.
USB Output:	5V DC, 1A

12 Volt DC/USB Charging Adapter (Optional Accessory) (Conforms to UL STD. 2089)

Input:	12V DC, 1.1A
Output:	5V DC, 2.1A
Fuse:	2A