

# 50W Soldering Iron Kit

The ETPRO-50W represents the latest in soldering iron technology. Using a rechargeable lithium battery, this unit delivers a 50W output suitable for automotive / industrial applications.

New rapid heat technology generates a 420 degree temperature within 35 seconds. The unit has a 45 minutes continuous runtime. Rechargeable via mini USB.

## Charging Instructions

Using the supplied cable, insert the Micro USB connector into the end of the soldering iron, and the USB connector to a wall charger / computer port.

A full charge will take approximately 3.5 hours. Once charged, the indicator light will turn green.

## Soldering Instructions

1. Thoroughly clean and remove oil and other contaminants from the parts to be soldered.
2. Use only small amounts of solder. Excess solder can cause a short circuit.
3. Slide the soldering iron switch to the ON position. Press and hold the power button. LED will illuminate indicating that the iron is on.
4. Allow the tip to reach working temperature (about 10 seconds). Apply a small amount of solder to tapered surface of tip. Remove excess solder with a damp soft rag or sponge.
5. Tin wires by heating the bare wire and allowing a small amount of solder to flow onto the tip of the wire.
6. Touch the tapered surface of the tip (not the point) to the joint to be soldered. Heat joint and allow heat from joint to melt solder.
7. Allow a small amount of solder to flow into the joint.
8. To ensure a strong joint, do not touch or move the joint until it has cooled completely.

## Heat Shrink Instructions

1. Slide soldering iron switch to the ON position and press and hold the power button. The LED light will illuminate indicating the iron is on.
2. Keep the shrink tip moving back and forth along the length of tube as staying in one place can damage the tube or wire.
3. Continue heating the tube until it is tightly secured to the wire.

## How To Replace The Tip

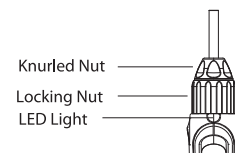
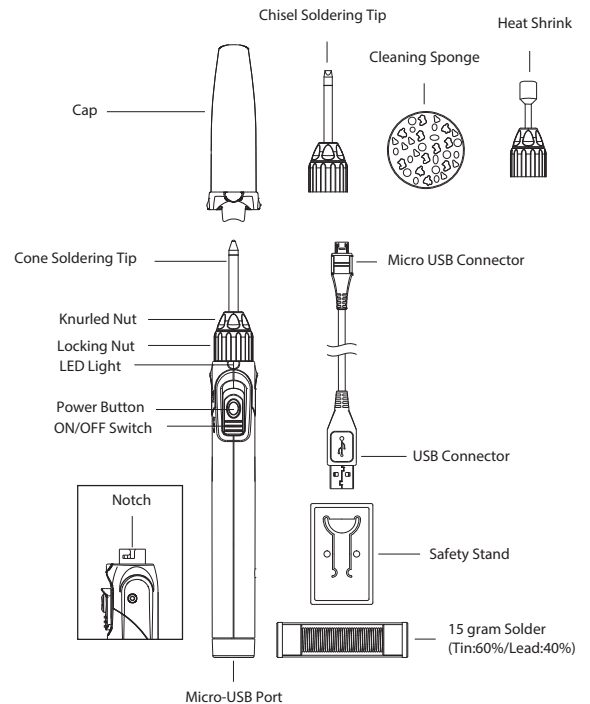
1. Ensure soldering iron switch is in the OFF position. Allow tip to cool completely before replacing tip.
2. Use only genuine replacement tips.
3. Unscrew old tip by rotating translucent locking nut counterclockwise.
4. Screw in new tip by rotating translucent locking nut clockwise until it snaps on lock position. Note: Align the notch on the housing to install the new tip.
5. Do not file the tip.

## Adjust The Direction Of The Tip

Rotate the black knurled nut to adjust the direction of the tip.

## Warnings

- ⚠ When used for soldering and similar applications, this product contains or produces chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- ⚠ **Potential electrical shock.** Do not use soldering iron if housing is cracked or damaged. Never use in wet areas. Do not attempt to repair or modify soldering iron. Always de-energize devices being soldered.
- ⚠ **Potential burn hazard.** Hot tip can cause severe burns. Do not touch tip of tool. Allow tool to cool before touching tip or replacing protective cap.



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## Warnings

- ⚠ • Work only in a dry area.
- Work only in areas free from flammable materials.
- Always store the soldering iron in a dry place out of reach of children or anyone who has not read these instructions.
- Always wear eye protection and gloves when operating the soldering iron.
- Never touch the tip of a hot soldering iron or attempt to remove solder from the tip with your hands.
- Do not use in the fabrication or repair of potable water service systems.
- Always rest the soldering iron where heat from soldering iron cannot damage nearby items.
- Ensure that switch is in the OFF position when the iron is not in use.
- Tip remains hot after use for several minutes. Ensure tip is cool before storing the soldering iron. Never leave soldering iron unattended.
- Do not disassemble or modify the battery. The battery contains safety and protection devices which if damaged, may cause the battery to generate heat, rupture or ignite.

## Specifications

Dimensions	210 x 30 x 23mm
Weight	100g
Charging Time	3.5 Hours
Running Time	Soldering Iron: 35 minutes Heat Shrink: 45 minutes
Max Temperature	600°C (1112°F)
Charging Cable	100cm USB to Micro-USB

## Warranty Statement

Endeavour Tools guarantees this unit against defects in material and workmanship for a period of twelve (12) months from the date of purchase. This warranty excludes consumable items in this kit. Endeavour Tools warrants the quality of these goods against defects in material and workmanship only.

Defective goods shall only be replaced, repaired or purchase price refunded if:

- The customer notifies Endeavour Tools by providing a full report describing the defect in writing within 7 days of the discovery of the defect; and
- The notification above provided to Endeavour Tools is prior to the expiry of the warranty period; and
- The customer forwards the defective goods together with proof of purchase from Endeavour Tools or its authorized distributor at their expense, within 14 days of any request by Endeavour Tools to do so; and
- The goods since the date of delivery to the customer have been properly maintained, stored and housed and the goods have not been abused, or modified, or the case opened.

Endeavour Tools may replace or repair the defective good (or part thereof) or refund the purchase price of the defective good, at its option. Endeavour Tools shall not be responsible for any loss or damage arising from or in any way connected with the use of the goods.

To the maximum extent permitted by law, a claim in respect to a defective good shall not be permitted in the event that the goods have not been installed, used, maintained, or housed in a proper and workmanlike manner or in accordance with the usual standards or manufacturer's specifications or instructions, or if the goods have been modified, repaired or altered by any person apart from Endeavour Tools.

Notwithstanding our warranty terms above, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

The benefits under our warranty are in addition to other rights and remedies under law in relation to the goods.