



8W RECHARGEABLE LITHIUM-ION SOLDERING IRON

MODEL NO: SDL7.V3

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to
instructions



Hot surfaces



Indoor use
only



Warning



Wear eye
protection

1. SAFETY

1.1. GENERAL SAFETY

- WARNING!** Ensure Health & Safety, local authority, and general workshop practise regulations are adhered to when using this equipment.
- Familiarise yourself with the application, limitations and potential hazards of the soldering station.
- WARNING!** This tool must be placed on its stand when not in use.
- Visually inspect the soldering iron before use. **DO NOT** use if damaged.
- Replace or repair damaged parts. Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- Locate soldering station in a suitable working area, keep area clean and tidy and free from unrelated materials.
- Keep the work area clean, uncluttered and ensure there is adequate lighting.
- Keep the soldering iron clean for best and safest performance.
- Ensure there are no flammable or combustible materials near the work area.
- Wear appropriate protective clothing, including approved safety eye protection (standard spectacles are not adequate).
- Ensure the workpiece is adequately held before operating the soldering iron. See Sealey model number SD150 (Mini Robot Soldering Stand with Magnifier).
- Always replace the soldering iron in its holder when not in use. Dismantle when out of service.
- Remove excess solder from the soldering iron by wiping the tip on a damp, natural sponge; not by abrupt force.
- DO NOT** attempt to remove excess solder from the soldering iron by shaking it. Hot solder may become airborne and land on skin causing burns and blisters.
- DO NOT** allow children or pets into the area where the soldering is taking place.
- DO NOT** attempt to cool the gun with water.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall **NOT** play with the appliance. Cleaning and user maintenance shall **NOT** be carried out by children without supervision.
- The appliance shall be disconnected from its power source during service and when replacing parts and, if that the removal of the plug is foreseen, it shall be clearly indicated that the removal of the plug has to be such that an operator can check from any of the points to which he has access that the plug remains removed.

1.2. BATTERY SAFETY

- WARNING!** For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance
- WARNING!** To reduce the risk of burns or fire:
 - DO NOT** attempt to open, disassemble, modify or service the battery pack.
 - DO NOT** crush, puncture, short external contacts or dispose of in fire or water.
 - DO NOT** expose to temperatures above 60°C (140°F).
- Recycle or dispose of used equipment as stipulated by local regulation.
- The battery must be removed from the appliance before it is scrapped.
- The appliance must be disconnected from the supply mains when removing the battery.
- The battery is to be disposed of safely.
- The appliance contains batteries that are only replaceable by skilled persons.

1.3. ELECTRICAL SAFETY FOR USE OF CHARGER

- WARNING!** Use only the supplied charger plug and for the purposes of recharging the battery, only use the detachable supply unit provided with this appliance.
- WARNING!** It is the user's responsibility to read, understand and comply with the following electrical instructions:
 - The appliance must only be supplied at a safety extra low voltage corresponding to the marking on the appliance.
 - Only use the power supply unit provided with the appliance.

You must ensure the risk of electric shock is minimised by the installation of appropriate safety devices.

An RCCB (Residual Current Circuit Breaker) should be incorporated in the main distribution board. We also recommend that an RCD (Residual Current Device, Sealey model RCD981) is used with all electrical products, particularly portable equipment which is plugged into an electrical supply not protected by an RCCB.

You must also read and understand the following instructions concerning electrical safety.

- 1.3.1. The Electricity At Work Act 1989 requires all portable electrical appliances, if used on business premises, to be tested by a qualified electrician, using a Portable Appliance Tester (PAT), at least once a year.
- 1.3.2. The Health & Safety at Work Act 1974 makes owners of electrical appliances responsible for the safe condition of the appliance and

- the safety of the appliance operator. If in any doubt about electrical safety, contact a qualified electrician.
- 1.3.3. You must ensure that you:
Inspect the charger plug, cable and connector for wear and damage to ensure items are safe before connecting to the mains power supply. If worn or damaged **DO NOT** use.
 - 1.3.4. Uncoil the cable between charger and the iron.
 ✗ **DO NOT** pull the charger plug from the mains socket by the lead.
 ✗ **WARNING!** For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance.
 ✗ **DO NOT** try to take the charger plug apart.
 ✗ **DO NOT** use the charger plug to charge or power any other electrical item.
 ✗ **DO NOT** get the charger plug wet, or use in wet, damp conditions (for indoor use only).

2. INTRODUCTION

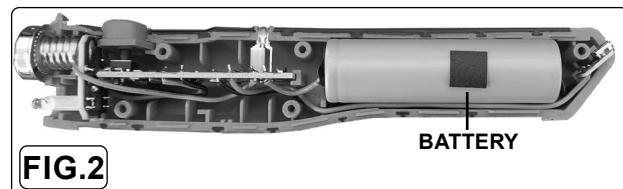
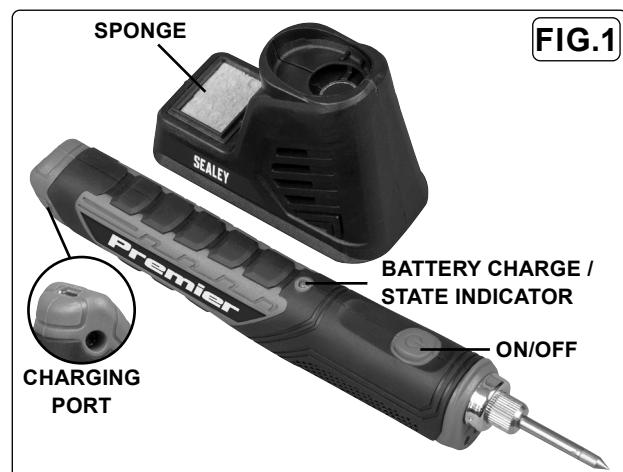
Professional lithium-ion cordless soldering iron. Ideal for multiple applications including automotive soldering in-and-around engine bays. Heats up to working temperature in 25 seconds. Integral LED worklights (x2). Auto-shut-off after 10 minutes. Unit features a sturdy base stand and is supplied with a mains charger. Maximum Temperature: 450°C.

3. SPECIFICATION

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|----------------------|----------------------|
| Model No: | SDL7.V3 |
| Battery: | 4V 1.5Ah Lithium-ion |
| Charging Time: | 3hr |
| Maximum Temperature: | 450 |
| Operating Time: | 50min |
| Power Rating: | 8W |

IMPORTANT WARRANTY INFORMATION

The battery fitted to this iron is considered to be a consumable item and its ability to accept a charge will reduce over time. We will provide warranty against mechanical and electrical defect for a period of one year - this does not cover fair wear and tear. If the battery is not properly charged before first use, or regularly conditioned, its capacity will diminish. Under these circumstances we will not replace the battery regardless of whether it is less than one year old. **NOTE:** The lithium battery does not suffer from memory effect and once fully charged may be stored for up to six months without another charge.



4. OPERATION

4.1. CHARGING

- 4.1.1. Plug in charger and ensure that the soldering iron is fully charged before first use.
- 4.1.2. The battery charge indicator (fig.1) is red when charging and green once fully charged.

4.2. OPERATION

- 4.2.1. To switch on, remove the soldering iron from the stand and press the On/Off button (fig.1). The two work lights will illuminate.
- 4.2.2. Hold down the On/Off button, the soldering tip warms up and the battery charge / state indicator will glow red until the tip is up to temperature. When the tip reaches the working temperature the light will glow green.
- 4.2.3. The tip will maintain the working temperature for 10 minutes and the green light will show in the state indicator after which it will turn off.
- 4.2.4. To recommence soldering, after a brief period, repeat the above steps.

5. DISPOSAL

IMPORTANT: The battery must be removed from the appliance before it is scrapped.

The appliance must be disconnected from the supply mains when removing the battery.

- 5.1. Unscrew and remove the housing to reveal the battery (fig.2).
- 5.2. Cut the wires that are connected to the battery. Be careful not to cut/damage the battery.
- 5.3. Dispose of the battery as per local regulations.

6. MAINTENANCE

IMPORTANT: the battery must only be replaced by a professional whilst observing the polarity.



ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



REGISTER YOUR PURCHASE HERE



WEEE REGULATIONS

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.



BATTERY REMOVAL

Under the Waste Batteries and Accumulators Regulations 2009, Jack Sealey Ltd are required to inform potential purchasers of products containing batteries (as defined within these regulations), that they are registered with Valpak's registered compliance scheme. Jack Sealey Ltd's Batteries Producer Registration Number (BPRN) is BPRN00705.

Note: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team on technical@sealey.co.uk or 01284 757505.

Important: No Liability is accepted for incorrect use of this product.

Warranty: Guarantee is 36 months from purchase date, proof of which is required for any claim.

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