OLYMPIATOOLS®
GOOD QUALITY. GREAT VALUE.

USER MANUAL

3.6V LI-ION CORDLESS SCREWDRIVER

SD36LI



UK CA CE

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SAFETY INFORMATION



IMPORTANT: To reduce risk of injury, please read this user guide before assembly.

SAFETY WARNING SYMBOLS

The following warning symbols appear throughout this user guide and indicate the appropriate safety measures you should take when assembling and operating the screwdriver.

⚠ WARNING!

This symbol marks a point of safety, indicating a warning. Ignoring this safety symbol could result in an accident to yourself or others. To limit the risks of injury, fire or electrocution, always follow the recommendations indicated.

Safety warning symbols - Battery



Do not burn



Do not expose to rain or water



Do not expose the battery to sunlight or excessive temperatures. Do not charge or store the battery where the temperature is below 0°C or greater than 45°C.



Olympia Tools provides a facility for the collection and recycling of rechargeable LI-ION batteries once they have reached the end of their working life. To dispose of your battery please return to any Olympia Tools stockist who will collect on our behalf. Alternatively consult your local waste authority for information regarding available recycling and/or disposal options. Your battery will then be recycled or dismantled in order to reduce the impact on the environment. Battery packs can be hazardous for the environment and for human health since they contain hazardous substances.

Safety warning symbols - Battery charger



Protection Class II (double insulated)



For indoor use only

Compliance and recycling symbols



Complies with all relevant UK regulations



Complies with relevant European regulations



Waste electrical products must not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

SAFETY INFORMATION



IMPORTANT: To reduce risk of injury, please read this user guide before assembly.

SAFETY WARNINGS - GENERAL POWER TOOLS

⚠ WARNING!

Read all safety warnings and instructions. Failure to follow warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work area safety

1. **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
2. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
3. **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

Electrical safety

1. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
2. **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
3. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
4. **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
5. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
6. **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

Personal safety

1. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
2. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, on-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.



3. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

4. **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
5. **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
6. **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
7. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

Power tool use and care

1. **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
2. **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
3. **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
4. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
5. **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
6. **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
7. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

Battery tool use and care

1. **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
2. **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
3. **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
4. **Under abusive conditions, liquid may be ejected from the battery; avoid contact. I**f contact accidentally occurs, flush with water. **I**f liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

Service

Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

SAFETY INFORMATION



IMPORTANT: To reduce risk of injury, please read this user guide before assembly.

SAFETY WARNINGS - SCREWDRIVER

1. **Hold power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring. Fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.**

SAFETY INFORMATION



IMPORTANT: To reduce risk of injury, please read this user guide before assembly.

SAFETY WARNINGS - FOR BATTERY CELLS INSIDE THE TOOL

1. **Do not dismantle, open or shred cells.**
2. **Do not short-circuit charging terminal. Do not store power tool haphazardly in a box or drawer where charging terminal may short-circuit each other or be shortcircuited by conductive materials.** When power tool is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one charging terminal to another.
3. **Do not expose power tool to heat or fire. Avoid storage in direct sunlight.**
4. **Do not subject power tool to mechanical shock.**
5. **In the event of battery leaking, do not allow the liquid to come into contact with the skin or eyes. I**f contact has been made, wash the affected area with copious amounts of water and seek medical advice.
6. **Seek medical advice immediately if a cell has been swallowed.**
7. **Keep power tool clean and dry.**
8. **Wipe the charging terminals with a clean dry cloth if they become dirty.**
9. **Power tool needs to be charged before use. Always refer to this instruction and use the correct charging procedure.**
10. **Do not maintain power tool on charge when not in use.**
11. **After extended periods of storage, it may be necessary to charge and discharge the power tool several times to obtain maximum performance.**
12. **Battery gives its best performance when it is operated at normal room temperature (20 °C ± 5 °C).**
13. **When disposing of cells, keep cells of different electrochemical systems separate from each other.**
14. **Recharge only with the charger specified by manufacturer.** Do not use any charger other than that specifically provided for use with the equipment. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery.
15. **Keep battery pack out of the reach of children.**
16. **Retain this user guide for future reference.**
17. **Dispose of properly.**

SAFETY INFORMATION



IMPORTANT: To reduce risk of injury, please read this user guide before assembly.

SAFETY WARNINGS - POWER TOOL CHARGER

⚠ WARNING!

Read all safety warnings and instructions. Failure to follow warnings and instructions may result in electric shock, fire and/or serious injury.
Save all warnings and instructions for future reference

This appliance can only 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 made by children without supervision. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

1. Before charging, read the instructions.
2. After charging, disconnect charger from the supply mains. Then disconnect charger from the power tool.
3. Do not charge a leaking battery.
4. Do not use chargers for works other than those for which they are designed.
5. Before charging, ensure charger matches the local AC supply.
6. For indoor use, do not expose to rain.
7. The charging device must be protected from moisture.
8. Do not use the charging device in the open.
9. Do not short out the contacts of battery or charger.
10. Respect the polarity "+/-" when charging.
11. Do not open the unit and keep out of the reach of children.
12. Do not charge the batteries of other manufactures or ill-suited models.
13. Ensure that the connection between the charger and the power tool is correctly positioned and is not obstructed by foreign bodies.
14. Check the charging slot is free of foreign objects and protect against dirt and humidity. Store in a dry and frost-free place.
15. When charging, ensure the power tool is in a well-ventilated area and away from inflammable materials. Batteries can get hot during charging. Do not overcharge. Ensure power tool is not left unsupervised during charging.
16. Do not recharge non-rechargeable batteries, as they can overheat and break.
17. Longer life and better performance can be obtained if the power tool is charged when the air temperature is between 18ºC and 24ºC. Do not charge the power tool in air temperatures below 4ºC, or above 40ºC. This is important as it can prevent serious damage to the power tool.
18. Charge only battery packs of the same model provided by manufacturer and of models recommended by manufacturer.

IN THE BOX

Key features



1. Chuck
2. Adjustable handle lock switch
3. Soft grip handle
4. Charging connector
5. Forward/reverse switch
6. On/off switch
7. LED work light
8. Charger
9. Battery capacity indicator (red/yellow/green)
10. Battery capacity indicator button

Accessories

1. 1x Charger
2. 4x Screwdriver bits

OPERATION INSTRUCTIONS

IMPORTANT: To reduce risk of injury, please read this user guide before use.

Intended use

This tool is intended for driving in and loosening screws.

Charging the power tool

Before putting into operation, charge the power tool (See fig. A).

1. **Do not use any charger other than that specifically provided for use with the equipment.**
2. **If the power tool is very hot you must allow time for the power tool to cool down before recharging.**
3. **The battery in your new tool is not charged when it leaves the plant. Therefore it must be fully charged before using the first time.**
4. **Please charge the battery to reach full or no less than half charge before storage. If the tool will not be used for long periods of time, charge the battery every 3-6 months.**

Charging indicator

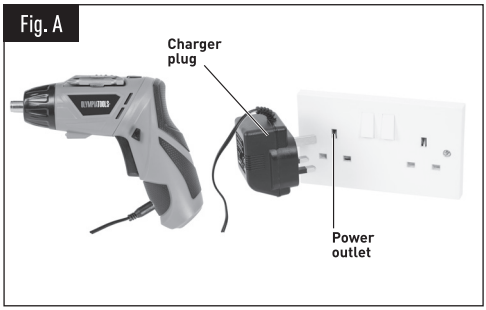
Light	Status
Red on	Charging
Red + yellow on	Charging
Red + yellow + green on	Fully charged

⚠ WARNING!

When charging, the charger and power tool may become warm to the touch, this is normal and does not indicate a problem.

When battery charge runs out after continuous use or exposure to direct sunlight or heat, allow time for the tool to cool down before re-charging to achieve the full charge.

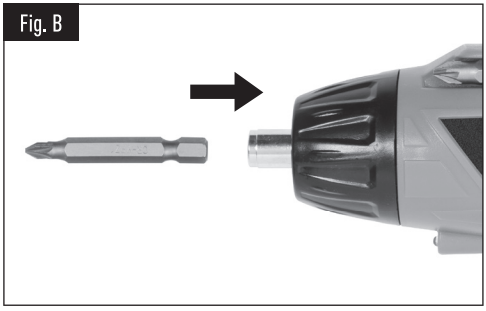
Fig. A



Fitting and removing bits (See fig. B)

Insert the bit into the bit holder and push into the chuck as far as possible. To remove the bit, simply pull it out of the bit holder.

Fig. B



Forward/reverse switch (See fig. C1 and C2)

For screwdriving use forward rotation marked "◀" (lever is moved to the left). Only use reverse rotation marked "▶" (lever is moved to the right) to remove screws.

⚠ WARNING!

Never change the direction of rotation when the chuck is rotating. Wait until it has stopped

Fig. C1



Fig. C2



Switch lock (See fig. D)

The On/off switch trigger can be locked in the 'OFF' position. This helps to reduce the possibility of accidental starting when not in use. To lock the switch, place the forward and reverse rotation selector in the centre position.

Fig. D



On/off switch

Depress the On/off switch to start and release it to stop the screwdriver.

Adjustable handle (See fig. E and F)

This tool can be used as straight grip or pistol grip (See fig. E, F).

Push the adjustable handle lock switch (3) forward, adjust the handle (4) to your favourite position, the handle lock switch will recover itself, and then you can use the tool.

Fig. E

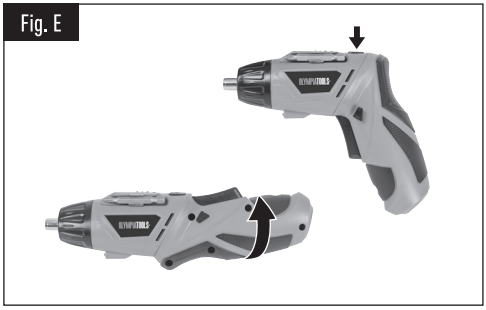
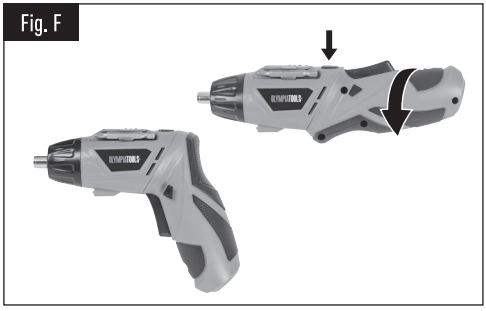


Fig. F



Using the LED work light

To turn on the light simply press the On/off switch.
When you release the On/off switch, the light will go off.

Battery capacity indicator

Press the battery capacity indicator button to show the battery capacity. When the battery capacity indicator lights up red the battery has less than 30% of its capacity and should be charged.

Full power
Green + Yellow + Red on

Full power but will require charging shortly
Yellow + Red on

Needs charging
Red on

MAINTENANCE

Your tool requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool.

Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth.

Always store your power tool in a dry place.

Keep the motor ventilation slots clean. Keep all working controls free of dust.

Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.

TECHNICAL SPECIFICATIONS

3.6V LI-ION cordless screwdriver

Model	SO18 (SD36LI)
Code	09-110
Battery voltage	3.6V ⎓
Battery capacity	1.3Ah LI-ION 4.68Wh
Charge time	3-5 hours
No-load speed	230/min
Max. torque	3Nm
Number of gears	1
Drill chuck	Bit holder 6.35mm/¼"
Weight	0.35kg

Power tool charger

Model	YYYD35-01-5-300mA
Input	100-240V~50-60Hz 5W
Output	DC5V ⎓ 300mA
Charging time	3-5 hours
Protection class II	⧈
For indoor use only	⌂

Noise/vibration information

Noise

A weighted sound pressure	L_{pA}: 62dB(A)
A weighted sound power	L_{wA}: 73dB(A)
	K_{pA} and K_{wA} =3.0dB(A)

⚠ WARNING!

Wear ear protection when sound pressure is over: 80dB(A)

Vibration

Vibration total values (triax vector sum) determined according to EN 62841:

Typical weighted vibration	Vibration emission value a_h = 0.39m/s²
	Uncertainty K = 1.5m/s²

The declared vibration total value may be used for comparing one tool with another, and may also be used in a preliminary assessment of exposure.

⚠ WARNING!

The vibration emission value during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used for example:

How the tool is used and the materials being cut or drilled.

The tool being in good condition and well maintained.

Use of the correct accessory for the tool and ensuring it is sharp and in good condition.

The tightness of the grip on the handles and whether any anti-vibration accessories are used.

The tool is being used as intended by its design and as detailed in this user guide.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed.

⚠ WARNING!

To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period.

ALWAYS use sharp chisels, drills and blades.

Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate).

If the tool is to be used regularly then invest in anti-vibration accessories.

Avoid using tools in temperatures of 10ºC or less.

Plan your work schedule to spread any high vibration tool use across a number of days.

DISPOSAL

Packaging materials

Dispose of in an environmentally friendly way by adding to your recyclable waste bin, or by taking it to a public collection centre.



Electrical products

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



Batteries

Olympia Tools provides a facility for the collection and recycling of rechargeable LI-ION batteries once they have reached the end of their working life. To dispose of your battery please return to any Olympia Tools stockist who will collect on our behalf. Alternatively consult your local waste authority for information regarding available recycling and/ or disposal options. Your battery will then be recycled or dismantled in order to reduce the impact on the environment. Battery packs can be hazardous for the environment and for human health since they contain hazardous substances.



LI-ION

STORAGE

Store the machine, operating instructions and where necessary the accessories in the original packaging. In this way you will always have all the information and parts ready to hand.

Pack the device well or use the original packaging in order to avoid transit damage.

Always keep the machine in dry place.

TRANSPORT

⚠ WARNING!

LI-ION batteries are subject to Dangerous Goods Legislation.

The process for shipping LI-ION batteries can be difficult. There are many regulations you need to adhere to, and specific packaging and labelling instructions you need to follow when sending LI-ION batteries by ground or air via a third party (air freight, courier, etc.)

Ensure you take account of UN3481 regulations and any more detailed national regulations. If in doubt, contact the service provider you have chosen to ship your LI-ION batteries or consult an expert for hazardous material.

⚠ WARNING!

- Make sure your LI-ION battery is contained in its associated device
- Seal the On/off switches and any electrical terminals with tape
- Place your device in a plastic bag before packaging it
- Make sure you attach the correct shipping label for the service you're using to ship your LI-ION batteries
- You are responsible for ensuring all documentation is correct
- Make sure your package is secure and will not break if it is dropped
- Use as much hard-wearing packaging as you can
- You are not allowed to ship faulty LI-ION batteries
- Batteries can be transported by road without further requirements

GUARANTEE

This product is selected for **DOMESTIC USE ONLY** and not for business use. This product is guaranteed against manufacturing defects for a period of 24 months. This does not cover the product where the fault is due to misuse, abuse, use in contravention of the instructions, or where the product has been the subject of unauthorised modifications or alterations, or has been the subject of commercial use. In the event of a problem with the product within the guarantee period please return it to your nearest store. If the item is shown to have an inherent defect present at the time of sale, the store will provide you with a replacement. Your statutory rights remain unaffected.

UK DECLARATION OF CONFORMITY

1. Apparatus product/model

Product: **3.6V LI-ION cordless screwdriver**

Model: **S018 (SD36LI)**

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2. This declaration of conformity is issued under the sole responsibility of the manufacturer

---

3. Object of the declaration

Product: **3.6V LI-ION cordless screwdriver**

Model: **S018 (SD36LI)**

Rated voltage: **3.6V**

---

4. This 3.6V LI-ION cordless screwdriver model number S018 (SD36LI) fully complies with the Supply of Machinery (Safety) Regulations 2008, Electromagnetic Compatibility Regulations 2016, the Restriction of Use of Certain Hazardous Substances in Electrical & Electronic Equipment Regulations 2012, and the following standards:

BS EN 62841-1:2015+AC:15 BS EN 55014-1:2017+A11:2020

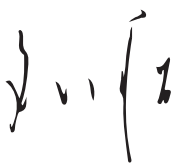
BS EN 62841-2-2:2014 BS EN 55014-2:2015

---

5. This declaration is made under the sole responsibility of:
SUMEC HARDWARE AND TOOLS CO., LTD.
No. 1 Xinghuo Road, Jiangbei New Arga, Nanjing, Jiansu, 210061 China

Chief Engineer
Wenjun

Date: May, 12 2021



EU DECLARATION OF CONFORMITY

1. Apparatus product/model

Product: **3.6V LI-ION cordless screwdriver**

Model: **S018 (SD36LI)**

2. This declaration of conformity is issued under the sole responsibility of the manufacturer

3. Object of the declaration

Product: **3.6V LI-ION cordless screwdriver**

Model: **S018 (SD36LI)**

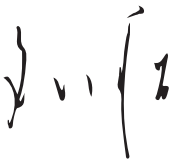
Rated voltage: **3.6V**

4. This 3.6V LI-ION cordless screwdriver model number S018 (SD36LI) fully complies with the Machinery Directive 2006/42/EC, Electromagnetic Compatibility Directive 2014/30/EC, RoHS Directive 2011/65/EU and the following harmonized EU standards:

EN 62841-1:2015+AC:15	EK9-BE-89:2014
EN 62841-2-2:2014	EK9-BE-91:2015
EK9-BE-77(V3):2015	EN 55014-1:2006/+A1:2009/+A2:2011
EK9-BE-88:2014	EN 55014-2:2015

5. This declaration is made under the sole responsibility of:
SUMEC HARDWARE AND TOOLS CO., LTD.
No. 1 Xinghuo Road, Jiangbei New Arga, Nanjing, Jiansu, 210061 China

Chief Engineer
Wenjun
Date: Jan, 28, 2019



OLYMPIATOOLS®

GOOD QUALITY. GREAT VALUE.

UK: Olympia Tools [UK] Ltd, Bull Lane,
Wednesbury, West Midlands, WS10 8RW

EU: Tucks O'Brien Ltd, 24 Magna Drive,
Magna Business Park, Citywest Road,
Dublin D24 FNY0, Ireland

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