

USER MANUAL

X20S™
BATTERY SYSTEM

4AH LI-ION BATTERY PACK

X20SB4



UK CA CE



OPERATION INSTRUCTIONS

- If the battery pack is very hot you must remove your battery pack from the charger and allow time for the battery to cool down before recharging.
- 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.
- 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.

Plug the charger into a suitable power outlet before inserting the battery. Slide the battery pack into the charger ensuring that it is firmly seated and locked in place. The red (charging) light will illuminate and indicates that the charging process is in progress. A green light indicates that charging is complete. Remove the plug from the power outlet and slide the battery pack from the charger. The battery is ready for use.

⚠ WARNING!

When charging, the charger and battery 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



SAFETY INFORMATION | SAFETY WARNINGS SYMBOLS

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 guide and/or on the battery.

⚠ 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



Positive terminal



Do not expose to rain or water



Negative terminal



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.



LI-ION

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.

OPERATION INSTRUCTIONS

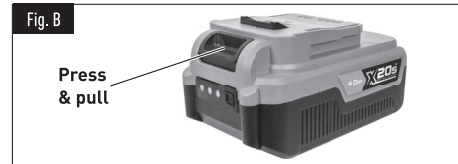
Installing and removing the battery pack (See fig. B)

⚠ WARNING!

Before inserting or removing the battery pack, always make sure the On/off switch is in the OFF position and, where possible, locked. Please refer to the user manual supplied with the power tool for details of any additional safety features.

- To remove the battery pack**
Press the battery pack release button (1) firmly first and then slide the battery pack out from the charger and/or tool.
- To install the battery pack**
Slide the battery onto the charger an/or tool with sufficient force until it clicks into position.

Fig. B



Checking the battery pack capacity (See fig. C)

Check the battery capacity via the coloured LEDs. Press the button and check the LEDs:

Light	Status
1 green light on	Battery too low
2 green lights on	Battery half charged
3 green lights on	Battery fully charged

SAFETY WARNINGS SYMBOLS | SAFETY WARNINGS - BATTERY PACK

Compliance and recycling symbols



Complies with all relevant UK 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.



Complies with relevant European regulations

SAFETY INFORMATION



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

SAFETY WARNINGS - BATTERY PACK

- Do not dismantle, open or shred cells or battery pack.
- Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials. 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.

OPERATION INSTRUCTIONS

Fig. C



Disposal of an exhausted battery pack

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Discharge your battery pack by operating your power tool, then remove the battery pack from the power tool housing and cover the battery pack connections with heavy-duty adhesive tape to prevent short circuit and energy discharge. Do not attempt to open or remove any of the components.



Overload protection

When overloaded, the motor comes to a stop. Relieve the load on the tool immediately and release the On/off switch. Restart the tool as normal.

Temperature dependent overload protection

When used as intended the battery cannot be subject to overload. When the load is too high or the allowable battery temperature is too hot, the electronic control switches off the power tool until the temperature is in the optimum temperature range again.

SAFETY WARNINGS - BATTERY PACK

- Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.
- Do not subject battery pack to mechanical shock.
- In the event of battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- Seek medical advice immediately if a cell or battery pack has been swallowed.
- Keep battery pack clean and dry.
- Wipe the battery pack terminals with a clean dry cloth if they become dirty.
- Battery pack needs to be charged before use. Always refer to this user guide and use the correct charging procedure.
- Do not maintain battery pack on charge when not in use.
- After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.
- Battery pack gives its best performance when it is operated at normal room temperature (20 °C ± 5 °C).
- When disposing of battery packs, keep battery packs of different electrochemical systems separate from each other.
- 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 pack.
- Do not use any battery pack which is not designed for use with the equipment.
- Keep battery pack out of the reach of children.
- Retain this user guide for future reference.
- Remove the battery from the equipment when not in use.
- Dispose of property.

TROUBLE SHOOTING | MAINTENANCE | STORAGE | DISPOSAL

Protection against deep discharging

The LI-ION battery is protected against deep discharging by the "Discharging Protection System". When the battery is empty, the tool is switched off by means of a protective circuit. The power tool will no longer rotate. Remove the battery and recharge.

TROUBLE SHOOTING

Reasons for different battery pack working times?

Prolonged storage of a battery pack without use will reduce the battery pack working time. This can be corrected after several charge and discharge operations by charging and working with your power tool. Heavy working conditions will use up the battery pack energy faster than lighter working conditions. Do not re-charge your battery pack below 0°C and above 45°C as this will affect performance.

MAINTENANCE

Keep your battery pack clean and dry. Wipe the battery pack terminals with a clean dry cloth if they become dirty. Never use water or chemical cleaners to clean your battery.

STORAGE

Store the battery and operating instructions in their original packaging. In this way you will always have all the information ready to hand. Pack the device well or use the original packaging in order to avoid transit damage. Always keep the battery in a dry place.

DISPOSAL

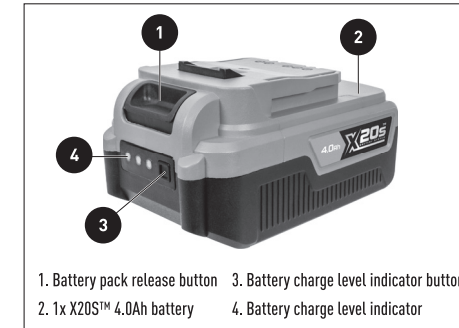
Packaging materials

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



IN THE BOX | OPERATION INSTRUCTIONS

IN THE BOX



- Battery pack release button
- 1x X20S™ 4.0Ah battery
- Battery charge level indicator button
- Battery charge level indicator

OPERATION INSTRUCTIONS



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

Intended use

This battery should only be used for X20S products. It is for domestic use only, not for commercial or trade use.

Charging the battery pack

Before putting into operation charge the tool or battery pack (See fig. A).

- Do not use any charger other than that specifically provided for use with the equipment.

DISPOSAL | TECHNICAL SPECIFICATIONS | TRANSPORT

Batteries

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TECHNICAL SPECIFICATIONS

Battery pack

Model	JH002-20V (X20SB4)
Code	09-985
Battery voltage	20V
Battery capacity	4.0Ah LI-ION 80Wh
Weight	0.65kg

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.)

UK: Olympia Tools (UK) Ltd, Bull Lane, Wednesbury, West Midlands, WS10 8RW

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

09-985

TRANSPORT | GUARANTEE

Ensure you take account of UN3480 and/or 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.