



**XHD Lithium
Cordless Battery
18V 4Ah Li-Ion**

XHD1



OPERATORS MANUAL



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SPECIFICATIONS

Battery Capacity	4.0 Ah
Voltage	18 Volts
Charge Time	100 Minutes
Cell Type	Lithium-Ion

Note

This manual is for your reference only. Due to the continuous improvement of the XHD Lithium products, changes may be made at any time without obligation or notice.

Thank You

For the purchase of this XHD Lithium product. We try our hardest to supply customers like you with the best quality products available, at the best price possible. We cant wait to continue working together in the future.



SAFETY GUIDELINES

Power Tool & Machinery Use & Care

- **Use the correct tool for the job.** Forcing a tool to do a job it was not designed for increases the risk of accident or injury.
- **Disconnect tools and machinery from power, or remove batteries before doing any maintenance or adjustments, or before storing the tools and machinery.** This reduces or removes the risk of a power connection that causes the tool or machinery to accidentally fire, which can help prevent injury or accident.
- **Check the general condition of the power tool for damage or any problems that could affect the way the tool or machine works.** An unrepaired tool or machine can lead to accident and injury. Only have your tool or machine repaired with genuine parts from your local distributor
- **Only use the power tool and machinery with genuine parts or accessories that are designed to be used with this power tool and machinery.** Failure to do so could result in accident or injury, or damage your tool or machinery.
- **Store your tool or machinery out of reach of children, and away from untrained personnel when not in use.** Use by somebody untrained, or a child, could lead to accident or serious injury.

Service

- **Have your tools and machinery serviced by your local distributor with genuine XHD Lithium replacement parts.** This will ensure that the safety of the power tool or machine is maintained.



WARNING

The warnings and precautions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Always Use Common Sense

- It is not possible to cover every conceivable situation you can face. Always exercise care and use your common sense. If you get into a situation where you feel unsafe, stop and seek expert advise. Contact your dealer, service agent, or an experienced user. Do not attempt any task you feel unsure of!
- **Do not let familiarity gained from the frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.



SAFETY GUIDELINES

Battery Tool Use & Care

- Prevent unintentional starting. Ensure the switch is in the OFF position before connecting to the battery pack, picking up, or carrying the machine. Carrying the machine with your finger on the switch or energising a machine that has the switch ON invites accidents.
- Disconnect the battery pack from the machine before making any adjustments, changing accessories, or storing the machine. Such preventive safety measures reduce the risk of starting the machine accidentally.
- Recharge the battery 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.
- Use machines only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When the battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws, or small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush the area with water. If liquid contacts eyes, seek medical help. Liquid ejected from the battery may be acidic and may cause irritation or burns.
- Do not use a battery pack or machine

that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion, or risk of injury.

- Do not expose a battery pack or machine to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.
- Follow all charging instructions and do not charge the battery pack or machine outside of the temperature range specified in the instructions.
- Charging the battery improperly, or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- Have servicing performed by a local XHD distributor repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- Do not modify or attempt to repair the machine or the battery pack except as indicated in the instructions for use and care.

Battery Long Life Tips

- Charge the battery cartridge before it is completely discharged. Always stop tool operation and charge the battery cartridge when you notice less tool power.
- Never recharge a fully charged battery cartridge. Overcharging shortens the battery service life.
- Charge the battery cartridge with room temperature at 10°C – 40°C. Allow a hot battery cartridge to cool before charging it.
- Charge the battery cartridge once in every six months if you do not use it for extended periods at a time.



OPERATION

Battery

NOTE: Ensure the power switch is released before inserting or replacing the battery.

- Do not force the battery when connecting it. Apply only moderate pressure. An improperly connected battery may damage the battery terminals or the tool's battery socket.
- Use the button on the battery to check the charge level. 4 red LEDs indicate a full charge, while 1 LED indicates a low battery.

Charging the Battery

WARNING

After the first initial charge, fully discharge the battery before charging it again. Repeat this charge and discharge cycle 4 to 5 times to properly condition the battery.

- Place the battery charger on a level, stable surface. Plug the charger into a 230V power outlet.
- Insert the battery into the charger until it clicks securely into place.
- Refer to the following Battery Charge Level table to check the charging status indicated by the LED lights.
- Once charging is complete, unplug the charger from the power outlet and remove the battery from the charger.

Battery Charge Level

Red LED	Green LED	Battery Charge Status
●		Charger is connected to mains power
●	★	Connected battery is charging
	●	Connected battery is fully charged
★	★	Connected battery has a charging fault
★		Charger is outside correct operating temperature range (<0°C / >40°C)

If the LEDs on the charger do not light up during charging:

- Check that the charger's mains adaptor is securely plugged into the power outlet and that the power is switched on.
- Check that the battery is correctly seated in the charger.

Connecting the Battery

CAUTION

Do not install the battery cartridge forcibly. If the cartridge does not slide in easily, it is not being inserted correctly.

- Insert the battery into the tool's battery socket until it clicks securely into place.

Removing the Battery

- Press the battery release button and slide the battery out of the tool.

MAINTENANCE



WARNING

Always be sure that the tool is switched off and the battery removed before attempting to perform any inspection or maintenance.

- Wipe the battery pack with a dry or slightly damp cloth. Do not use a wet cloth. Avoid detergents containing solvents or any corrosive or abrasive additives, as these may damage the surface of the battery pack.
- After each use, clean dust and dirt from the battery connection terminals and the release button. Do not insert sharp objects, such as screwdrivers, into the terminals.
- For stubborn dirt in hard-to-reach areas, use compressed air (maximum 3 bar).
- Regularly inspect all fasteners, screws, and bolts to ensure they are secure. Tighten any loose screws immediately to prevent potential injury.



WARNING

Never attempt to open the battery pack. There are no internal components that can be serviced or repaired by the user. Do not try to repair the battery pack yourself; take it to your nearest XHD Service Centre for inspection or service.

Environment & Disposal

- Packaging materials are raw materials and can be re-used. Separate the different packaging materials and take them to the appropriate waste disposal facility. More information can be obtained from your local authorities.
- Old machines do not belong in your household garbage! Dispose of old machines appropriately, we are all responsible for the environment.

Battery Disposal

- Batteries and electronics should not be disposed of in household garbage. Please return your old batteries to your local distributor for safe and environmentally friendly disposal.
- Together, we can care for the environment.

Transport and Storage

- If the battery pack will not be used for an extended period, store it in the original packaging or in a compatible protective storage case designed for 18V batteries.
- Keep the battery pack in a dry, frost-free, well-ventilated area at a temperature not exceeding 40°C.
- Ensure all battery packs are stored out of the reach of children.
- Always remove the battery from any tools before transporting.
- Make sure the battery pack is protected from excessive vibration and shocks during transport, particularly when carried in a car or other vehicle.