



## **XHD BATTERY CHARGER 18V**



**TSC2**

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**Thank You**

For the purchase of this ToolShed XHD 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.

Please contact us for any servicing, replacement parts, or questions you might have about your ToolShed product by visiting our website, or calling: 0800 948 665.



PRODUCT DETAILS

*Product Model*     ToolShed XHD Battery Charger 18V

*Product Code*     TSC2

**DISTRIBUTED BY:**



**Note:**

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

**Warranty:**

This product may be covered under The ToolShed warranty. For more information, see our Terms & Conditions at [www.thetoolshed.co.nz](http://www.thetoolshed.co.nz)

## SPECIFICATIONS

<b>Rated Input</b>	100–240 Volts   50–60 Hertz
<b>Nominal Output</b>	70 Watts
<b>Nominal Output Voltage</b>	20 Volts
<b>Nominal Output Current</b>	2.4 Amps
<b>Overload Protection Tripping Current</b>	2.6 Amps
<b>Safety Class</b>	Class II

## PRODUCT IDENTIFICATION



- 1 Red Light Indicator
- 2 Green Light Indicator
- 3 Battery Charging Unit

- A Charging Battery (Not Included)
- B Battery Catch Button

## SAFETY GUIDELINES

### **WARNING**

*READ ALL SAFETY WARNINGS & INSTRUCTIONS. Failure to follow instructions and warnings could lead to serious injury, electric shock, or fire.*

### Work Area Safety

- **Ensure that your work area is kept clean and well lit.** Lack of visibility and clutter greatly increase the risk of accident when using tools.
- **Keep bystanders, pets, and children clear when operating this power tool or machine.** They can cause distraction or risk injury to themselves.
- **Ensure you are not operating the power tool or machinery in the presence of dust, liquids, flammable gases, or anything that can create an explosive atmosphere.** Power tools and machinery can create sparks which can lead to ignition and fire hazards in working environments.

### Personal Safety

- **Always wear personal protective equipment (PPE).** Eye protection, ear protection, dust masks, and other protective equipment will help to reduce the risk of personal injury or long-term illnesses.
- **Dress appropriately. DO NOT wear loose clothing that can get caught in moving parts.** Keep hair, loose clothing, jewellery, and anything else that could be of risk, away

from moving parts in the machine, or they could become caught therein.

- **Always remain alert and DO NOT operate power tools or machinery under the influence of any substances such as alcohol or drugs, including prescription medications.** Lack of focus could lead to injury or accidents while operating these power tools and machinery.
- **Always ensure proper footing and balance.** Overreaching can lead to slipping and falling which can result in injury or accident.
- **Ensure the power switch is in the OFF position before connecting any battery, or power source to the power tool or machinery.** This can cause injury as tools and machinery can suddenly fire incidentally when live, causing accidents.
- **Use all provided dust collection and extraction attachments, if included.** This equipment, along with the use of PPE dust masks, can help keep you safe from dust, and keep your work site clear from hazards.
- **Ensure loose parts such as wrenches or adjusting keys are removed before starting the power tool or machinery.**

## SAFETY GUIDELINES

### Electrical Safety

- **DO NOT use the power tool or machinery in rainy conditions or wet areas where the power tool or machinery could get wet.** Water in this power tool or machinery can lead to electric shock.
- **Only use the power tool or machinery when the plug correctly matches the power outlet.** Modifying plugs greatly increases the risk of electric shock.
- **Keep the power cord away from anything that could damage it such as sharp edges, moving parts or heat.** A damaged power cord increases the risk of electric shock.
- **Only operate outdoors with the use of an outdoor extension lead.** Not all extension leads are suited to outdoor use and using one which is not can greatly increase the risk of electric shock.
- **Avoid body contact with grounded or earthed surfaces.** Surfaces such as radiators, ranges, pipes, and refrigerators can increase the risk of electric shock due to your body being earthed or grounded.
- **Never carry the power tool by the cord, or yank the cable from the power outlet.** This can damage the internal wiring and may become a hazard.

### Service

- **Have your tools and machinery serviced at The ToolShed with ToolShed 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 advice. Contact your dealer, service agent, or an experienced user. Do not attempt any task you feel unsure of!

### **WARNING**

*Electric shock can cause serious injury or, in some cases be fatal.*

### **WARNING**

*Explosive gas. Avoid sparks and naked flames. Ensure there is adequate ventilation when using this charger.*

## SAFETY GUIDELINES

### Charger Specific Safety

- This product is only intended to be used indoors in a dry, well ventilated area.
- Never attempt to charge non-rechargeable batteries.
- Never attempt to charge batteries not intended to be used with this charger.
- If the product's power cord is damaged, it must be replaced before the next use to prevent the risk of electric shock or fire. Contact your nearest ToolShed for replacement parts or advise.
- This product can be used by persons 8 years and older, or other untrained persons or impaired persons, if they are supervised, or receive adequate instructions concerning the safe use of this product and understand the risks involved with its use.
- Do not allow children to clean or maintain this charger without supervision.
- Unplug the power cord from the outlet before inserting or removing any batteries.
- Never leave the product unattended for risk of fire or electric shock.
- Protect the charger from moisture. Damp or dirty conditions can affect the internal components and cause a hazard.
- Never immerse the charger in water or any liquids, or use the charger where there is a risk of it becoming wet or splashed upon.
- Connect the charger to an easily accessible power point near to the battery charger.
- Connect the charger via a Residual Current Device (RCD), with a maximum draw of 30 mA, if possible. Never modify the power cord or plug.
- Never pull out the plug by yanking on the power cord, or touch the power cord with wet hands. Keep the power cord away from hot surfaces/objects, oil, sharp edges, and moving objects.
- Check the product for damage before every use, including the power cord.
- Always take care when using and handling the charger.
- Avoid dropping the product, and do not subject it to excessive knocks and blows for risk of material damage and personal injury.
- Never use a damaged battery charger or battery.
- Do not insert any foreign object, or body parts into any of the openings on this charger.
- Do not expose the charger to rain or moisture for risk of corrosion.
- Do not expose the product to excess dust and debris for risk of blockage and overheating.

### Important

- **Check the condition of the charger and battery before each use. Do not attempt to charge if the battery or charger are damaged.**
- **Do not pull on the power cord to pull out the plug from the wall outlet. Grip the plug properly to avoid damaging the cord.**
- **The charger gets warm when charging, Allow it to cool for 15 minutes before charging again.**

## ASSEMBLY

### Unboxing

- Carefully remove the product and any accessories from the packaging and check all parts remain undamaged from transit. Do not use the product if it is damaged. If possible, save the packaging until the warranty has expired.



### CAUTION

*Keep packaging materials out of reach of children and pets for risk of suffocation!*

### Tips for Best Usage

- Avoid over discharging — charge the batteries before they get to the point of fully discharged.
- When your cordless power tool begins to fail, stop working and charge the battery. If you continue working until the battery is fully discharged this can damage the battery (over discharge).
- Avoid charging at high temperatures. A rechargeable battery will be hot for a while after use. If such a battery is charged immediately after use the active substances inside the battery can be corrupted and cause a reduction to the battery life. Allow the battery to cool at least to room temperature before charging.
- Do not charge the battery at temperatures below 5°C, or above 30°C, charging outside of this range can damage the battery.

## OPERATION

### Charging Batteries



- The battery (A) must be removed from the power tool before it can be charged. Press the battery catch button (B) and carefully pull out the battery.
- Connect the battery charger (3) to a 230 Volt power outlet.
- The Red status light (1) will illuminate to show that the charger is supplied with voltage.
- Put the battery in the charger.
- After a few seconds the Green status light (2) will also illuminate to indicate that charging has begun. The light will stay illuminated while charging is in progress.
- Once charging is completed and the battery is full, the Red status light will turn off, but the Green status light will remain illuminated.
- Remove the battery from the battery charger by holding the battery charger in one hand, and carefully removing the battery from the charger with the other.



## MAINTENANCE

- Before cleaning or performing any maintenance, you must ensure the tool is switched off and disconnected from the power supply.
- Compressed air is the most effective way to clean this tool. Always wear PPE safety goggles when cleaning tools with compressed air.
- Ventilation openings and switch levers must be kept clean. DO NOT attempt to clean by inserting pointed objects through openings.
- Do not use harsh chemicals or solvents when cleaning this tool.
- If you discover any damaged or broken parts, consult your nearest ToolShed for replacements and advise.
- **NOTE: Always pull out the plug from the wall before performing any type of cleaning or maintenance.**
- Clean and maintain the charger at regular intervals so that it retains its correct functionality for as long as possible.

## TROUBLESHOOTING



### WARNING

*If any of the following occur, pull out the plug and remove the battery from the charger. Do not pull the power cord to pull out the plug, grip the plug properly to avoid damaging the cord.*

### **No Status Lights are Illuminated**

- Pull out the plug from the power point. Remove the battery from the battery charger. Hold the battery charger in one hand and remove the battery from the charger with the other hand.
- If the battery is hot when attempting to charge, for example as a result of use or direct sunlight, no charging will take place. In which case, allow the battery to cool before charging.

### **The Status Light Flashes**

- If the Red status light flashes rapidly, check the battery compartment in the charger and remove any foreign objects. If there are no foreign objects in the battery compartment, there is most likely a fault on the battery or the charger. Allow the battery and/or charger to cool, then try to charge again. If the problem persists contact our nearest ToolShed for replacement parts or advice.