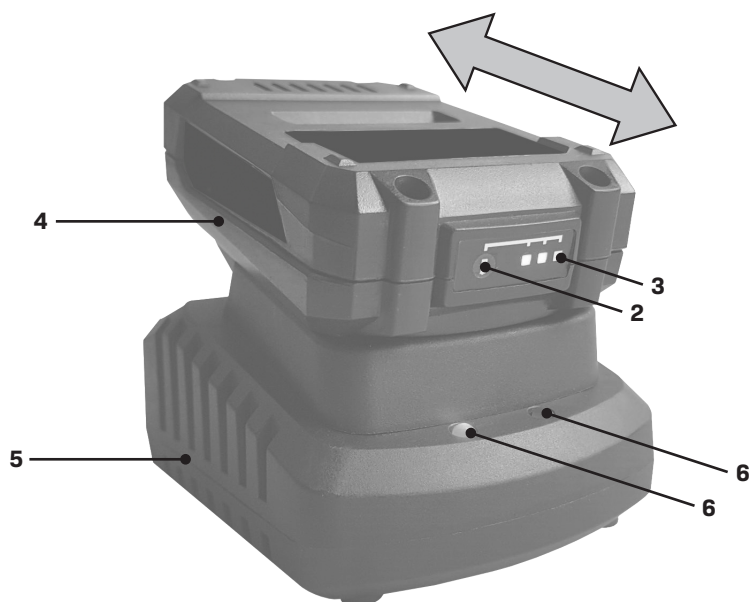




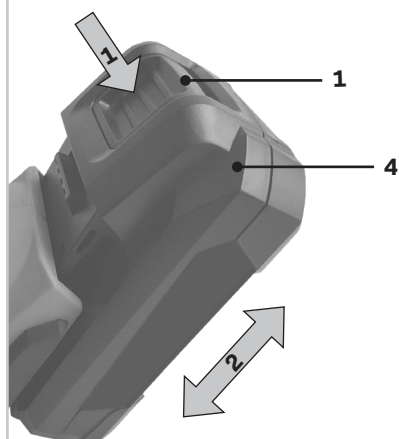
**VONROC®**  
BUILD YOUR FUTURE

## CHARGER **CD818AA**

**A**



**B**



## 1. SAFETY INSTRUCTIONS

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

The following symbols are used in the user manual or on the product:



*Read the user manual.*



*Denotes risk of personal injury, loss of life or damage to the tool in case of nonobservance of the instructions in this manual.*



*Risk of electric shock.*



*Indoor use only.*



*Class II machine - Double insulation - You don't need any earthed plug.*



*Time-lag miniature fuse-link.*



*Do not dispose of the product in unsuitable containers.*



*The product is in accordance with the applicable safety standards in the European directives.*

### GENERAL POWER TOOL SAFETY WARNINGS



**WARNING! Read all safety warnings and all instructions.** Failure to follow the 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.

#### 1) Work area safety

- Keep the work area clean and well lit.** Cluttered or dark areas invite accidents.
- 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.

- Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

#### 2) Electrical safety

- 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.
- 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.
- Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- 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.
- 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.
- 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.

#### 3) Personal safety

- 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.
- Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- 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.

- d) **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.
- e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f) **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.
- g) **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.
- h) **Do not let familiarity gained from 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.

#### 4) Power tool use and care

- a) **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.
- b) **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.
- c) **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.
- d) **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.
- e) **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.
- f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) **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.

- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.
- #### 5) Battery tool use and care
- a) **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.
  - b) **Use power tools only with specifically designed battery packs.** Use of any other battery packs may create a risk of injury and fire.
  - c) **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.
  - d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
  - e) **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
  - f) **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion. NOTE The temperature „130 °C“ can be replaced by the temperature „265 °F“.
  - g) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.
- #### 6) Service
- a) **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.

- b) **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

## SAFETY WARNINGS FOR CHARGER

### Intended use

Charge only CD801AA and CD803AA type rechargeable Battery packs with the charger. Other types of batteries may burst causing personal injury and damage.

- a) **The appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.**
- b) **Children being supervised not to play with the appliance.**
- c) **Do not recharging non-rechargeable batteries!**
- d) **During charging, batteries must be placed in the well ventilated area!**

## ELECTRICAL SAFETY



Always check that the voltage of the power supply corresponds to the voltage on the rating plate.

- Do not use the machine if the mains cable or the mains plug is damaged.
- Only use extension cables that are suitable for the power rating of the machine with a minimum thickness of 1.5 mm<sup>2</sup>. If you use a extension cable reel, always fully unroll the cable.

## 2. PRODUCT INFORMATION


### Intended use

Only use the following batteries of VONROC POWER 20V battery platform. Using any other batteries could cause serious injury or damage the charger.

CD801AA	20V, 2Ah Lithium-Ion
CD803AA	20V, 4Ah Lithium-Ion

The batteries of the VONROC POWER 20V battery platform are interchangeable with all the VONROC POWER 20V battery platform tools.

## TECHNICAL SPECIFICATIONS

Model No	CD818AA
Charger input	220-240V, 50Hz 0.4A
Charger output	21V  2.5A
Charging time 2Ah battery	60 minutes

Charging time 4Ah battery	120 minutes
Recommended batteries	CD801AA, CD803AA
Weight	0.36 kg

## DESCRIPTION

The numbers in the text refer to the diagrams on page 2.

- Battery unlock button
- Battery LED indicators button
- Battery LED indicators
- Battery (not included)
- Charger
- Charger LED indicators

## 3. OPERATION



Before any work on the power tool, remove the battery.



The battery must be charged before first use.

### Inserting the battery into the machine (Fig. B)



Ensure that the exterior of the battery is clean and dry before connecting to the charger or machine.

- Insert the battery (4) into the base of the machine as shown in Fig. B.
- Push the battery further forward until it clicks into place.

### Removing the battery from the machine (Fig. B)

- Push the battery unlock button (1).
- Pull the battery out of the machine like shown in Fig. B.

### Charging the battery with the charger (Fig. A)

- Take the battery (4) from the machine.
- Turn the battery (4) to upside down position and slide it onto the charger (5) as shown in Fig. A.
- Push the battery until it is fully pushed into the slot.
- Plug the charger plug into an electrical outlet and wait for a while. The LED indicators on the charger (6) will lighten up and show the charger status.

The charger has 2 LED indicators (6) which indicate the status of the charging process:

Red LED Status	Green LED status	Charger status
Off	Off	No power
Off	On	Standby mode: - No battery is inserted or, - Battery inserted but charging has finished
On	Off	Battery charging in progress

- Fully charging the 2Ah battery may take up to 60 minutes.
- Fully charging the 4Ah battery may take up to 120 minutes.

After the battery is fully charged remove the charger plug from the outlet and remove the battery from the charger.



*When the machine is not being used over a longer period of time it is best to store the battery in charged condition.*

## 4. MAINTENANCE



*Before cleaning and maintenance, always switch off the machine and remove the mains plug from the mains.*

Clean the charger casings regularly with a soft cloth, preferably after each use. Make sure that the ventilation openings are free of dust and dirt. Remove very persistent dirt using a soft cloth moistened with soapsuds. Do not use any solvents such as gasoline, alcohol, ammonia, etc. Chemicals such as these will damage the synthetic components.

## ENVIRONMENT



*Faulty and/or discarded electrical or electronic apparatus have to be collected at the appropriate recycling locations.*

### Only for EC countries

Do not dispose of power tools into domestic waste. According to the European Guideline 2012/19/ EC for Waste Electrical and Electronic Equipment and its implementation into national right, power tools that are no longer usable must be collected separately and disposed of in an environmentally friendly way.

## WARRANTY

VONROC products are developed to the highest quality standards and are guaranteed free of defects in both materials and workmanship for the period lawfully stipulated starting from the date of original purchase. Should the product develop any failure during this period due to defective material and/or workmanship then contact VONROC directly.

The following circumstances are excluded from this guarantee:

- Repairs and/or alterations have been made or attempted to the machine by unauthorized service centers;
- Normal wear and tear;
- The tool has been abused, misused or improperly maintained;
- Non-original spare parts have been used.

This constitutes the sole warranty made by company either expressed or implied. There are no other warranties expressed or implied which extend beyond the face hereof, herein, including the implied warranties of merchantability and fitness for a particular purpose. In no event shall VONROC be liable for any incidental or consequential damages. The dealers remedies shall be limited to repair or replacement of nonconforming units or parts.

**The product and the user manual are subject to change. Specifications can be changed without further notice.**









**DECLARATION OF CONFORMITY  
CD818AA - CHARGER**

(EN) We declare under our sole responsibility that this product is in conformity with directive 2011/65/EU of the European parliament and of the council of 8 June on the restriction of the use of certain hazardous substances in electrical and electronic equipment is in conformity and accordance with the following standards and regulations:

**EN 55014-1, EN 55014-2, EN61000-3-2, EN61000-3-3, EN60335-1, EN60335-2-29, EN62233, 2011/65/EU, 2012/19/EC , 2014/30/EU, 2014/35/EU**

Zwolle, 01-11-2020

H.G.F Rosberg  
CEO

**VONROC • Lingenstraat 6 • 8028 PM Zwolle • The Netherlands**

---



**VONROC®**  
BUILD YOUR FUTURE

©2020 VONROC  
[WWW.VONROC.COM](http://WWW.VONROC.COM)

2011-17