Rapid tool®
AUSTRALIA

REO BOSS™



READ BEFORE USE

INSTRUCTION MANUAL
REO-BOSS BATTERY CHARGER CH-18X-A

ENGLISH: ORIGINAL INSTRUCTIONS

V1 12/25

Please refer to our website www.rapidtool.com.au for the latest specifications and instruction manuals.

SAVE THESE INSTRUCTIONS.

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1. CHARGER SAFE OPERATION

WARNING:
Electrical voltage. Risk of electrocution.

Insulation class rating requirements below include power supply with extension cords and generators.

Electric power supply requirements for electrical appliances of class rating I:

- Connection of all conductive housing components to the grounded conductor. Plug connection with grounded conductor contact. Do not use plug adaptor.

Electric power supply requirements for electrical appliances of class rating II:

- Electrical appliances of class rating II have a strengthened or double insulation (protective insulation). They have no connection to the grounded conductor.

RAPIDTOOL REO-BOSS battery charger model CH-18X-A should be used for charging RAPIDTOOL REO-BOSS model BA-18-5X-A and BA-18-2.5X-A battery packs only. Use of any other battery packs may cause injury and/or fire.

This appliance can 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.

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.

Children should be supervised not to play with the appliance.

Extension Cord

If it is necessary to use an extension cord with the battery charger, extension cord must be rated for charger specifications included on the charger rating plate and in this instruction manual.

Extension cords must meet relevant national safety standards.

The charger may only be operated with undamaged, untangled and tested extension cords.

Immediately replace damaged extension cables, damaged or loose plugs and couplings.

Only use tested extension cords which are suitable for construction site environments. RAPIDTOOL recommends H05RN-F or better cord (or a country-specific equivalent).

When using an extension cord with the charger, it is recommended to use a cord with the cross section below and with a length as short as possible.

Relation between usable cord thickness and maximum length:

Cord size (Nominal cross sectional area of conductor)	Maximum cord length
1.0mm^2	25m
1.5mm^2	40m

Generators

If a generator is required for power supply, generator must have adequate safety protections and power supply. Observe the respective national safety regulations.

Do not use booster transformers or vehicle generators as these may cause overheating and fire.

Safe Charging Procedure:

WARNING:

1. Charger must be connected to a residual current device (RCD) protected 50/60Hz, 100-240V a.c. power supply. Use of an RCD reduces the risk of electric shock.
2. Do not touch charger plug with wet hands this may cause electric shock.
3. Do not use a damaged battery or charger. Do not charge a damaged battery due to risk of electric shock or fire.
4. Only charge battery in dry and well-ventilated places. Do not expose charger to wet, damp or humid conditions. These conditions may result in electric shock.
5. If during charging, there is an abnormal generation of heat, stop charging immediately. Continuing charging may cause smoke, fire or explosion.

CAUTION:

1. Fully charge battery before initial use.
2. Only charge battery in ambient temperatures between 10-40˚C. Charging outside of this range may lead to explosion or fire.
3. Charging time may be slower in lower temperatures.
4. Do not leave battery in charger once fully charged.
5. Only charge directly via charger.
6. Do not use the charger to supply d.c. power.
7. Only recharge the battery under surveillance and not leave charger unattended.
8. If battery is hot allow to cool down before charging.
9. Do not cover or place anything on the charger during use. Do not block charger ventilation holes when charging as this can cause overheating and fire during charging.
10. Leave charger to rest between charges.
11. Do not charge the battery in explosive atmospheres, such as in the presence of lacquer, paint, benzin, thinner, gasoline, gasses or adhesive. This may cause an explosion or fire.
12. Do not charge the battery on paper, cardboard, cloth, cushions, mats, carpets, vinyl or in the presence of dust. This may cause fire.
13. Keep charger terminals clean (only use in dirt and dust free environments).
14. Keep charger away from conductive materials. This includes 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 terminals together cause a large current flow, overheating and may cause burns, fire or explosion.
15. Make sure charger terminals do not come into contact with each other. Do not touch charger terminals.
16. Be careful not to drop or strike the charger. This may result in excessive heat, fire or explosion.
17. Never disassemble or modify the charger in any way.
18. Do not remove charger from its original packaging until required for use.
19. Only use the charger for which it was intended. Misuse can result in heat, fire or explosion.
20. Check battery charger power cord, extension cord and plug for damage or entanglement before use. Do not use entangled or damaged cords or plugs. Use of entangled or damaged cords or plugs will increase risk of electric shock or short circuit resulting in fire. To avoid safety hazard, contact an authorised RAPIDTOOL service centre for assessment and replacement if charger power cord or plug is damaged.

Charging Procedure (Fig. 1)

Indicators	Meaning
Constant red light	Charger in standby
Flashing green light	Battery charging
Slower flashing green light	Battery charging >80% full
Constant green light	Battery charging complete

1. Connect charger power cord (4) to a residual current device (RCD) protected 50/60Hz, 100-240V a.c. power supply. Charging indicator status display (3) will display constant red light.
2. Insert battery terminal profile (1) into charger terminal slot (2). If this is done correctly battery will automatically begin to charge (charging indicator status displays flashing green light). Note green light will flash slower once battery reaches 80% of charge capacity.
3. When fully charged (charging indicator status display will display constant green light), remove battery from charger.
4. Disconnect charger from its power supply after use.

WARNING:

Indicators	Meaning
Quick flashing red light	Battery too hot or cold
Slower flashing red light	Battery unable to be charged

1. If charging indicator status displays quick flashing red light - battery is too hot or cold.

   If battery is too hot - remove battery and allow to cool. Alternatively, charger cooling fan will cool battery before charging operation begins.

   If battery is too cold allow battery to warm up to specified temperatures.

2. If charging indicator status displays slower flashing red light - battery is unable to be charged and needs replacing.

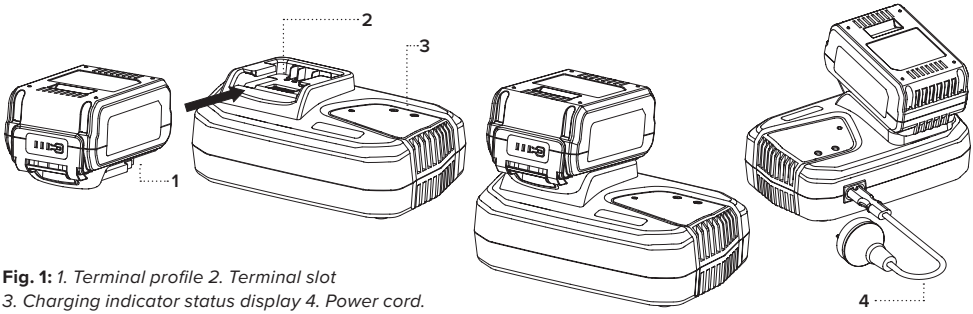
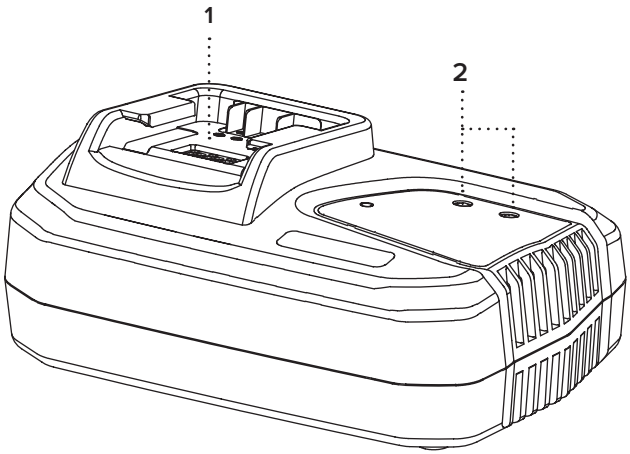


Fig. 1: *1. Terminal profile 2. Terminal slot 3. Charging indicator status display 4. Power cord.*

2. PARTS AND SPECIFICATIONS



CH-18X-A Charger

1. Terminal slot
2. Charging indicator status display.

Applicable Battery Pack and Charger

Battery Pack	BA-18-5X-A + BA-18-2.5X-A
Charger	CH-18X-A

WARNING:
Only use the RAPIDTOOL REO-BOSS battery packs and chargers listed above. Use of any other battery packs and chargers may cause injury and/or fire.

Charger Specifications

MODEL	CH-18X-A
Net Weight	0.6kg
Dimensions LxWxH	185mm x 118mm x 77mm
Input	100-240V ~ 50/60Hz 140-140W
Output	20V ⎓ 4.5A
Charge Time	90 minutes
Operating Temperature	10-40˚C
Storage Temperature	0-50˚C

With our continuous commitment to safety, research, and development, the specifications and details provided in this instruction manual provided here may change without prior notification.

Battery Pack Specifications

MODEL	BA-18-5X-A
Net Weight	0.7kg
Dimensions LxWxH	120mm x 77mm x 72mm
Rated Voltage	18V ⎓
Rated Capacity	5.0Ah
Operating Temperature	0-40˚C
Storage Temperature	0-50˚C

MODEL	BA-18-2.5X-A
Net Weight	0.4kg
Dimensions LxWxH	120mm x 77mm x 52mm
Rated Voltage	18V ⎓
Rated Capacity	2.5Ah
Operating Temperature	0-40˚C
Storage Temperature	0-50˚C

Please refer to our website www.rapidtool.com.au for the latest specifications and instruction manuals.

3. SAFETY LABELS

Below represent the safety labels and symbols which may be used for the charger.
Make sure you understand their meaning before use.

	Read instruction manual.
	The safety alert symbol indicates a potential hazard.
	Indoor use only.
	Double insulation.
	Always recycle.
	Do not expose power cord to water or rain.
	Risk of electric shock.
	This is the symbol for a fuse.
	Only use RAPIDTOOL REO-BOSS battery models BA-18-5X-A or BA-18-2.5X-A with this battery charger.

Meaning of "CAUTION" and "WARNING" indications:

CAUTION:
Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. This is also used to caution against unsafe practices.

WARNING:
Indicates a potentially hazardous situation which, if not avoided, will result in death or serious injury.

RAPIDTOOL will not be responsible or assume liability for any unintended damages or personal injuries arising from negligence or due to the disregard of warnings and safety instructions outlined in the instruction manual or on the charger.

4. DISPOSAL OF WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT



For customers in EU countries:

This charger is subject to European Directives on waste electrical and electronic equipment (WEEE) and the corresponding national legislation. The WEEE directive outlines the procedure for handling electrical waste equipment across the EU.

The charger is labelled with the symbol of a crossed out dustbin shown here. This means you may not dispose of it with normal household waste but in a separate environmentally-friendly waste collection.

The proper disposal of this charger prevents the occurrence of any negative effects on people or the environment, follows the specific procedures for handling harmful substances and enables valuable raw materials to be recycled.

For customers in non-EU countries:

The proper disposal of this charger prevents the occurrence of any negative effects on people or the environment, follows the specific procedures for handling harmful substances and enables valuable raw materials to be recycled.

We recommend that this charger is disposed of in a separate, environmentally friendly waste collection and not with normal household waste.

When recycling or disposing of the charger (or parts of it) observe the regulations in force in the country of recycling or disposal. Various materials should be separated and recycled or disposed of separately where required (e.g. plastics, metals and batteries).

5. CHARGER STORAGE

CAUTION:

- Store in temperatures between 0-50˚C.
- Store in cool, dry and well-ventilated place. Do not expose to wet, damp or humid conditions. These conditions may result in electric shock.
- Do not store in locations where the temperature may reach or exceed 50˚C (e.g. metal boxes and cars in summer). Doing so may shorten service life and cause smoke and fire.
- Store out of reach of children.
- Do not expose to hazardous materials including oxidizing and acidic materials, sparks, naked flames, gases, flammable liquids, excessive temperatures (including direct sunlight) or other potential sources of ignition. Doing so may cause fire or explosion.
- Store in accordance with local regulations.



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