

Electric Powered Wheelbarrow Operator's Manual





WARNING:

Read carefully and understand all INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury. Save these instructions in a safe place and on hand so that they can be read when required. Keep these instructions to assist in future servicing.



READ THE MANUAL! Read the user and maintenance manual carefully and get familiar with the controls in order to use the machine correctly and to avoid injuries and machine defects.



ATTENTION! Ignoring the safety signs and warnings applied on the machine as well as ignoring the security and operating instructions can cause serious injuries and even lead to death.



Explosive gas.



Protect from rain, splashing!



Protective clothing!



No smoking, no naked flames, no sparks.



Corrosive (Battery acid).

1.SPECIFICATIONS

Item No	LBB04
Rating	DC 24V/0.67HP/500W
Load Capacity	150kg/330lbs
Wheel Size	16 inch
Battery Specification	12V12 Ah X 2
Speed	Forward: 0-7km/h Variable, Reverse: 0-3.5km/h Variable

2.NOTICE

This manual contains important information and advice for the correct and safe use and maintenance of the electric wheelbarrow.

Following the usual commercial name of the device (see cover) is substituted in this manual with the name "machine". The manual is part of the machine and may not be stored separately. Read it profoundly before first use of the machine and keep it for later reference. When the machine is handed to other persons always put the manual to the machine.

Please follow the security instructions!



Please read the entire manual, to prevent misunderstandings, machine damage or even injuries! Due to continuous development of our products illustrations, pictures might differ slightly.

3.SAFETY

Intended Use

The machine must only be used for its intended purpose! Any other use is deemed to be a case of misuse.

To use the machine properly you must also observe and follow all safety regulations, the assembly instructions, operating and maintenance instructions lay down in this manual.

All people who use and service the machine have to be acquainted with this manual and must be informed about the machine's potential hazards.

The machine is used for: Transportation of goods within the maximum permissible load capacity.

▲WARNING

The removal or modification of the safety components may result in damage to equipment and serious injury! **HIGHEST RISK OF INJURY!**

Ambient conditions

The machine may be operated: Humidity max.70%

Temperature $+5^{\circ}$ C to $+40^{\circ}$ C ($+41^{\circ}$ F to $+104^{\circ}$ F)

The machine, especially the battery; may not be exposed to a temperature of about 80°C. Do not store in the blazing sun or a long time in the trunk of a car.

Prohibited use:

The operation of the machine outside the stated technical limits described in this manual is forbidden. The operation of the machine without provided protective devices is prohibited.

The use of the machine not being suitable for the use of the machine and not being certified is forbidden. The use of the machine not according with the required dimensions is forbidden.

Any manipulation of the machine and parts is forbidden.

The use of the machine for any purposes other than described in this user-manual is

forbidden. It is not allowed to leave the immediate work area during the work is being performed.

Security Instructions

Missing or nonreadable security stickers have to be replaced immediately!

The locally applicable laws and regulations may specify the minimum age of the operator and limit the use of this machine!

To avoid malfunction, machine defects and injurie, read the following security instructions

GENERAL:

Use the machine only in good enough light to allow a safe operation can be guaranteed.

In tiredness, decreased concentration or under the influence of alcohol or drugs, the work on the machine is prohibited! Caution in slippery conditions - slip hazard - risk of injury. When working, robust and non-slip footwear. Slides / stumble / traps are a major cause of serious injury or death.

The machine must be operated only by trained persons (knowledge and understanding of this manual), which have no limitations of motor skills compared with conventional workers.

Keep the machine in use with both hands.

Unauthorized persons, especially children and not trained personnel must be kept away from the running machine! If you pass the machine to third, these instructions must be attached to the machine.

Before the start, after the failure or shock, be sure to check the device and make sure that it is in good condition Take special care when work near swimming pools or garden ponds.

Never use the machine when it is raining or in damp, wet areas Unplug battery before all maintenance and settings!

CHARGER:

The charger is designed exclusively to charge the battery of this machine. Charging other battery is not permitted. Never use the charger in a damp or wet environment

Disconnect cable connections only by pulling the plug. Pulling on the cable could damage the cable and plug and electrical safety would no longer be guaranteed.

Never use the charger if the cord, plug or the appliance itself is damaged by external influences. Attach the charger then to the next workshop.

DO not use the unit near heat sources.

Do not use extension cord to supply power to the charging station.

DO not place metal objects in the area of the charging contacts of the charger. DO not open the charger. In case of failure, contact a specialist workshop.

Use to recharge your battery only with the original charger. Use of other charger defects may occur or fire hazard.

BATTERY:

Improper use or the use of damaged batteries leaking vapors. Run to fresh air and seek medical attention in case of complaints. The vapors can irritate the respiratory tract.

FIRE HAZARD! Never charge batteries near acids and flammable materials.

Charge the battery only in an ambient temperature between 0°C to +40°C. Leave to cool down after heavy load. EXPLOSIVE! Protect the battery from heat and fire.

Use the battery only in an ambient temperature between 0°C to +45°C.

SHORT CIRCUIT! For disposal, transport or storage, the battery must (plastic bag, box) or the contacts are packed must be taped.

Never open the battery.

Remaining Risk Factors

Despite intended use, certain residual risks remain. Due to the design and construction of the machine, hazardous situations may occur which are identified as follows in these operating instructions:

ADANGER

A safety instruction designed in this way indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

AWARNING

Such a safety instruction indicates a potentially hazardous situation which, if not avoided, may result in serious injury or even death.

ACAUTION

A safety instruction designed in this way indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

NOTICE

A safety note designed in this way indicates a potentially dangerous situation which, if not avoided, may result in property damage.

Irrespective of all safety regulations, your common sense and your corresponding technical suitability/training are and, will remain the most safety factor for error-free operation of the machine. Safe working depends and foremost on you.

4.ASSEMBLY

Please check the product contents immediately after receipt for any eventual transport damage or missing parts. Claims from transport damage or missing parts must be placed immediately after initial machine receipt and unpacking before putting the machine into operation. Please understand that later claims cannot be accepted anymore.

ASSEMBLY

1.Assemble the Base Frame

① Assemble left bend frame (2) and right bend frame (3) to the front bend frame (1) according to the drawing, align the holes and fix the two positions with 2 pcs M8x40 bolt and 2pcs M8 nut. Refer to Figure 1.

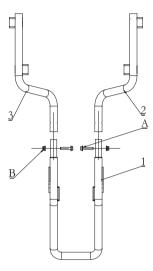


Figure1

② Install the two handle connecting bend tubes (4) to left bend frame (2) and right bend frame (3) separately, align the hole sites and tighten them with 2 pcs M8x40 bolt(A) and 2 pcs M8 nut (B). Refer to Figure 2.

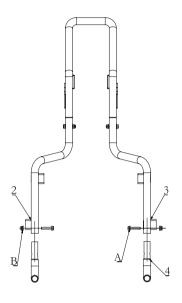


Figure 2

2. Assembly-- Driving Wheel.

Place two washers 16(C) to both sides of driving wheel, insert the driving wheel (5) to front bend frame(1), the washer(1) should be inside of front bend frame(1), fixed the wheel by 2pcs anti-rotating washer 16 (D) and 2pcs M16 Nut(E).

Attention: Driving wheel's direction must be same as below figure, cannot be opposite.

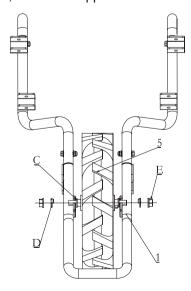


Figure 3

3. Assembly--Bracket

- ① Place the tube (6) onto left bend frame (2) and right bend frame (3), align the hole sites and tighten with 2 pcs M8x50 bolt(F) and 2 pcs M8 nut(B).
- ② Place the swivel wheel bracket (7) onto left bend frame (2) and right bend frame (3), align the hole sites and fix with 2 pcs M8x50 Bot(F) and 2 pcs M8 nut(B). See Figure 4.

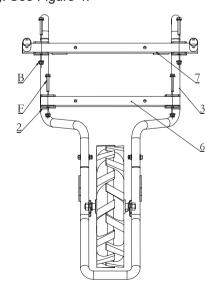


Figure 4

ASSEMBLY

4. Assembly—Swivel wheel

① Assemble the two swivel wheels(8) onto the swivel wheel bracket(7), align the hole sites and tighten the wheels with Mx40 bolt(A)and M8 nut(B). See Figure 5.

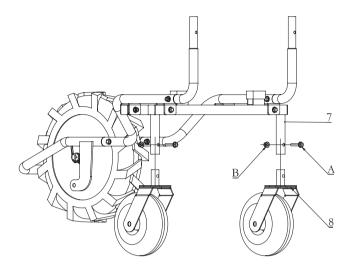


Figure 5

5. Assembly—Lifting handle

① Assemble the left lifting support bar(10) and right lifting support bar(11) onto the lifting handle(9), align the holes and fixed them with 2pcs M8x40 bolt(A)and 2 pcs M8 nut(B). See Figure 6.

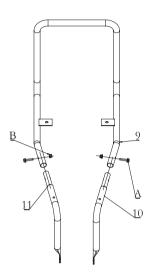


Figure 6

② Align the hole on left lifting support bar (10) and right lifting support bar (11) with hole of front bend frame (1), tighten them with 2pcs M12x30 bolt(G), 2 pcs12 washer (O) and 2 pcs M12 nut(H), refer to the figure as below. See Figure 7.

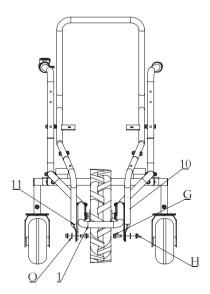


Figure 7

6. Assembly--Handle

① Place the left handle(16) and right handle(17) onto the handle connecting tube(4), align the holes and fix them with 2 pcs M8x40 bolt(A) and 2pcs M8 nut(B). See Figure 8.

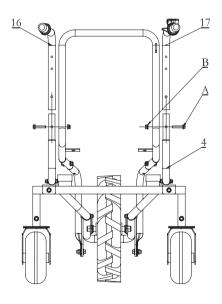


Figure 8

ASSEMBLY

7. Assembly--Handle

① Align the bolt hole on back beam(18) with holes on left handle(16) and right handle(17), then fix and tighten them with 4 pcs M6x40 bolt(I), 2 pcs washer(K) 6 and 2pcs M6 nut(J). See Figure 9.

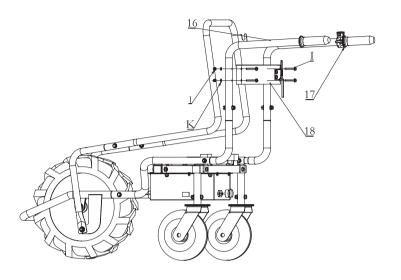


Figure 9

8. Assembly—Battery box

① Align the 4 holes on battery box(19) with the holes on square tube(2) and swivel wheel bracket(7), fix and tighten them with 4 pcs M8x45 bolt(L) and 4 pcs M8 nut(B). See Figure 10.

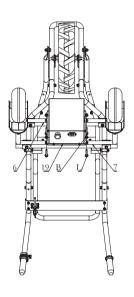


Figure 10

9. Assembly- Tray

① Use 2 pcs M8x40 bolts(M) and 2 pcs M8 nut(B) to fix the tray (20) onto the left lifting support bar(10) and right lifting support bar(11), use 2 pcs M8x16 bolt(M) and 2pcs M8 nut(B) to fix the tray onto the lifting handle(9). See Figure 11.

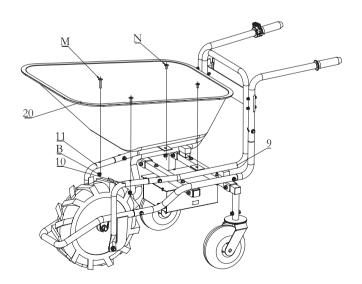


Figure 11

10. Line Connecting

Connect the line of driving wheel with the short line out of battery box, note to connect the central arrow on plug, and then fix the line onto the tube with ribbon.

Connect the long line out of battery box to speed adjusting switch, note to connect the central arrow on plug and then fix the line onto the tube with ribbon.

OPERATION

Device to be operated in a perfect state only. Inspect the device visually every time it is to be used. Check in particular the safety equipment, electrical controls, electric cables and screwed connection for damage and if tightened properly. Replace any damaged parts before operating the device.

1.Operation Instructions

AWARNING

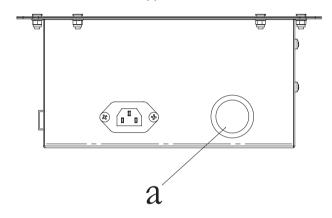
Unplug battery before all maintenance and settings!

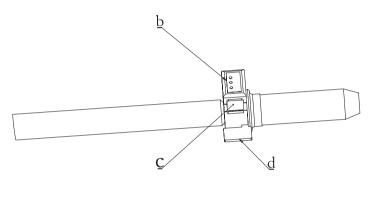
Notice

Never remove the battery while the machine is running. In case of longer standstill, press the shut-down button. Use the electric motor only with sufficient battery charge.

Operation

1.1Start Electrical Support





- ① Unlock circuit breaker by turn the shut-down button (a). Then the battery indicator b will light up with all 3 LED lights and machine is ready for working.
- ② Press and hold trigger (d) to switch on the machine, control the moving speed by pressing more or less.
- ② Use the button (c) of the speed switch on right handle for forward and reverse.

Charger

Charger is integrated in the battery box system.

Charging the battery:

- 1. Connect the charger to the power supply (AC outlet) 240V/ 50 Hz and the charger plug.
- 2. Charge the battery.
- 3. Once the battery is fully charged (indication on the charger) the charger can be removed.

LED- indication on the control element:

All three LED light up when the red power button is pressed.

When machine is activated by turning the lever following battery capacity is indicated:

- 1. All three led light up battery capacity 100%-51%.
- 2. Red and orange light up battery capacity 50%-10%.
- 3. Only red light up please charge the battery.

8. MAINTENANCE

AATTENTION

Unplug battery before all maintenance and settings!

Serious injury due to unintentional or automatic activation of the machine! The machine does not require extensive maintenance.

If malfunctions and defects occur, let it be Serviced by trained persons only.

NOTICE

Clean your machine regularly after every usage - it prolongs the machines lifespan and is a pre-requisite for a safe working environment.

Repair jobs shall be performed by respectively trained professionals only! Check regularly the condition of the security stickers. Replace them if required. Check regularly the condition of the machine. Store the machine in a closed, dry location.

8.1 Maintenance Plan.

After each work shift: check the cables (tight fit, damage)

8.2 Cleaning

NOTICE

The usage of certain solutions containing ingredients damaging metal surfaces as well as the use of scrubbing agents will damage the machine surface!

Clean the machine surface with a wet cloth soaked in a mild solution. Never use running water or a high-pressure cleaner to clean the machine. Clean the outer parts with a damp sponge.

Never clean the electronic parts with water!

Check the machine and remove the deposits and / or residues with a brush.

8.3 Storage

Clean thoroughly all components before storage.

Store all components separately in a dry area at not less than -10°C.

Charge the battery fully before storing.

NOTICE

During longer standstill but at least after one month charge the battery.

8.4 Disposal

Do not dispose the machine and the battery in residual waste. Contact your local authorities for information regarding the available disposal options. When you buy at your local dealer for a replacement unit, the latter is obliged to exchange your old.

9. TROUBEL SHOOTING

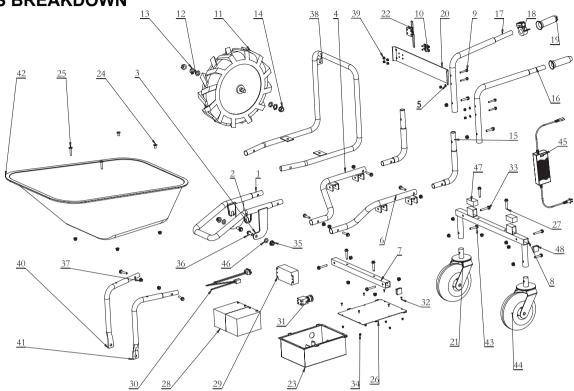
BEFORE YOU START WORKING FOR THE ELEIMINATION OF DEFECTS, UNPLUG THE BATTERY.

Trouble	Possible Cause	Solution
No electric support.	Battery is not charged.	Recharge battery.
	Motor stuck.	Check motor.
	Power switch is damaged.	Check switch.
	Broker or loose cables.	Check cable.
No charging or battery. Loosen cable.		Check cable connection.

WARRANTY

The warranty period starts from the purchase date, and the warranty does not cover product problems caused by not operating in accordance with the specifications of this manual. Except for wearing parts, the whole machine is guaranteed for 1 year.

PARTS BREAKDOWN



Part No.	Description	Q'ty	Part No.	Description	Q'ty
1	Front Bend Frame	1	25	Screw M8x40	2
2	Driving Wheel Mounting Holder	2	26	Battery Box Lid	1
3	Lifting Handle Bracket	2	27	Bold M8x45	4
4	Right Bend Frame	1	28	Battery	2
5	Washer 6	4	29	Controller	1
6	Left Bend Frame	1	30	Charger Plug	1
7	Square Tube	1	31	Emergency Stop Switch	1
8	Swivel Wheel Bracket	1	32	Screw M4x10	6
9	Bolt M6X40	4	33	Bolt M8x50	4
10	Bolt M6X12	4	34	Nut M4	6
11	Driving Wheel	1	35	Nut M12	2
12	Washer 16	2	36	Bolt M12x30	2
13	Anti-rotating Washer	2	37	Nut M8	24
14	Nut M16	2	38	Lifting Handle	1
15	Handle Connecting Tube	2	39	Nut M6	8
16	Left Handle	1	40	Right Lifting Support Bar	1
17	Right Handle	1	41	Left Lifting Support Bar	1
18	Speed Adjusting Switch	1	42	Steel Tray	1
19	Handle grip	2	43	Bolt M8x40	10
20	Back Beam	1	44	Swivel Wheel	2
21	Swivel Wheel Bracket	2	45	Charger	1
22	Lifting Handle Switch	1	46	Washer 12	2
23	Battery Box	1	47	Rubber Plug	2
24	Bolt M8x16	2	48	Tube Plug	4



The presence of this logo on the product means that the disposal of the device is governed by directive 2012/19/EU dated July 4, 2012 on waste electrical and electronic equipment(WEEE).

Any hazardous substance contained in electrical or electronic equipment can have a potential impact on the environment and health during its recycling.

Consequently, at the end of the useful life of the device, it must not be disposed of with unsorted municipal waste.

Your role as an end consumer is essential in terms of reuse, recycling and obtaining other types of value creation from this product.

You have the choice of different collection and exchange systems organized by local authorities (recycling centers) and distributors. It is your duty to make use of these possibilities.



At the end of battery life:

This device contains non-replaceable batteries.

Used batteries must be collected by a selective collection system in order to be able to be recycled and thus reduce the impact on the environment.

When the battery reaches the end of its useful life, you must place it in an appropriate selective collection system which will take care of its destruction and / or recycling.

If the battery acid has leaked, avoid contact with your skin, eyes and mucous membranes! The liquid that leaks from the Fulani batlerie causes skin rashes. If any acid does come into contact with the skin, rinse the affected areas immediately and thoroughly with clean water and consult a doctor without applying makeup. The batteries must be installed respecting the polarity +/-. Do not recharge non-rechargeable batteries because of the risk of explosion.



Thank you for choosing RedRock products, if you have any questions, please contact online customer service.

Size: 210x285mm 157克双铜 REV 05/20/24 3020549