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User manual



Cordless fan

MODEL NUMBER:
SERIAL NUMBER:

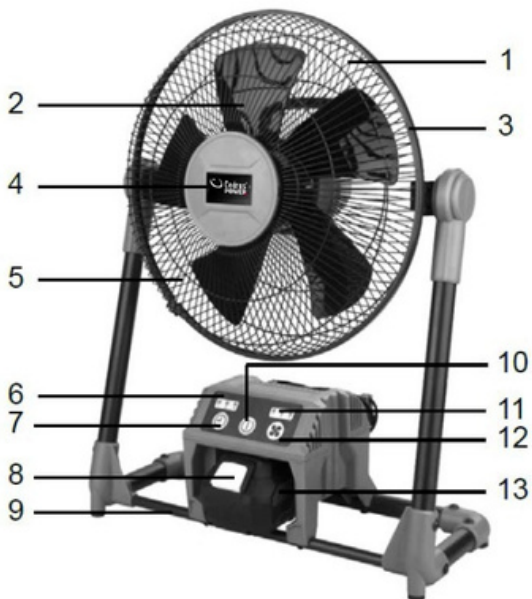
☐ CEDWF300Li

Model number and serial number should be on nameplate.
You should write them down and store in a safe place.



IDENTIFICATION

1. Rear fan cover
2. Front fan cover
3. Fan cover clamping collar
4. Fan head
5. Fan blade
6. Auto-off timer indicator
7. Auto-off timer button
8. Button of Battery Cartridge
9. Base
10. Power switch button
11. Wind speed indicator
12. Wind speed change button
13. Battery Cartridge
14. AC wire
15. AC plug



SAFETY WARNINGS

To prevent serious injury, please read and understand all warnings and instructions before use.

You will need this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance procedures. Keep this manual in a safe and dry place for future reference.

IMPORTANT SAFETY INSTRUCTION

When using an electrical appliance, basic precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE. WARNING

To reduce the risk of fire, electric shock or injury:

1. Do not expose to rain. Store indoors.
2. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
3. Use only as described in this manual. Use only manufacturer's recommended attachments.
4. Do not use with damaged battery. If appliance is not working as it should has been dropped, damaged, left outdoors, or dropped into water, return it to our service center.
5. Do not handle the appliance with wet hands.
6. Do not put any object into openings.
7. Keep hair, loose clothing, finger and all parts of body away from openings and moving parts.
8. Turn off all controls before removing the battery.
9. Use only the AC Plug/Wire and charger supplied by the manufacturer. Accessories that may be suitable for the appliance may become hazardous when used on others.
10. Do not charge the battery outdoors.
11. This appliance is not intended for use 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 concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
12. Do not expose to fire or high temperatures.
13. Do not use near open flames, glowing embers or explosive atmospheres, such as in presence of flammable liquids, gases or dust. The appliance creates sparks which may ignite the dust or fumes.
14. To reduce the risk of fire or electric shock, do not use this fan with any solid-state speed control device.
15. Never use the appliance in humid locations such as in a bathroom.
16. This appliance is indoor use only. Never use the appliance outdoors.
17. This appliance is intended for household use.
- 18.

19. Read this instruction manual and the charger instruction manual carefully before use.
20. Stop operation immediately if you notice any abnormal.
21. If you drop or strike the appliance, check it carefully for cracks or damage before operation.
22. Do not bring the appliance close to stoves or other heat sources.
23. Do not use if broken, bent, cracked or damaged parts are present. Any appliance that appears damaged in any way or operates abnormally must be removed from service immediately. Inspect before each operation.
24. Do not leave the appliance energized and unattended.
25. Don't abuse the AC wire/plug. Never use the AC wire to carry the appliance or pull the AC wire out from the outlet. Keep the AC wire/plug away from heat, oil, sharp edges, or moving parts. Replace damaged AC wire/plug immediately. Damaged AC wire/plug may increase the risk of electric shock.

Battery tool use and care

1. **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.
2. **Use power tools only with specifically designed battery packs.** Use of any other battery packs may create a risk of injury and fire.
3. **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.
4. **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.
5. **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.
6. **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
7. **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.

READ AND SAVE THESE INSTRUCTIONS.

CORDLESS FAN USE AND CARE

1. Use the correct cordless fan for your application. Do not use the fan for a purpose for which it is not intended.
2. The appliance can work by Cedrus Li-ion battery cartridge designated in "SPECIFICATIONS" section in this instruction manual or AC power source. Use of any other batteries may create a risk of fire. Recharge batteries only with the specified charger. A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.
3. Store idle appliance out of reach of children and other untrained persons.
4. Disconnect battery cartridge and the AC Plug from the power source before storing the appliance, performing any inspection, maintenance, or cleaning procedures. Such preventive safety measures may reduce the risk of starting the appliance accidentally.
When battery cartridge is not in use, keep it away from other metal objects. Shortening the battery terminals together may cause sparks, burns or a fire.
Unplug unit and allow it to cool before performing any inspection, maintenance, cleaning procedures or storage.
Do not allow familiarity with appliances to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.
5. Always place the appliance on a level and stable surface. If the appliance falls, it may cause personal injury or damage to the appliance.
Do not use any batteries, attachments or accessories not recommended by the manufacturer of this appliance. The use of batteries, attachments or accessories not recommended can result in serious personal injury.
Keep hair or loose clothing like a scarf away from the fan. It may be caught in the fan and result in personal injury.
6. Ensure the switch is in the off-position before picking up or carrying the appliance. Carrying the appliance with your finger on the switch invites accidents.
Do not modify or attempt to repair the appliance or the battery cartridge except as indicated in the instructions for use and care.
7. Do not allow familiarity with appliances to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.
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9. Do not use any batteries, attachments or accessories not recommended by the manufacturer of this appliance. The use of batteries, attachments or accessories not recommended can result in serious personal injury.
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12. Do not modify or attempt to repair the appliance or the battery cartridge except as indicated in the instructions for use and care.

SERVICE

1. This appliance service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel could result in a risk of injury.
2. When servicing this appliance, use only identical replacement parts. Use of unauthorized parts or failure to follow maintenance instructions may create a risk of electric shock or injury.
3. Do not incinerate this appliance, even if it is severely damaged. The batteries can explode in a fire. Dispose of the appliance in accordance with the local regulations.

Symbols

The followings show the symbols used for the equipment. Be sure that you understand their meaning before use.



Read instruction manual.

V

Volts

A

amperes

direct current



Ni-MH
Li-ion

Only for EU countries

Do not dispose of electric equipment or battery pack together with household waste material!

In observance of the European Directives, on Waste Electric and Electronic Equipment and Batteries and Accumulators and Waste Batteries and Accumulators and their implementation in accordance with national laws, electric equipment and batteries and battery pack(s) that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

Important safety instructions for battery cartridge

1. Before using battery cartridge, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery.
2. Do not disassemble battery cartridge.
3. If operating time has become excessively shorter, stop operating immediately. It may result in a risk of overheating, possible burns and even an explosion.
4. If electrolyte gets into your eyes, rinse them out with clear water and seek medical attention right away. It may result in loss of your eyesight.
5. Do not short the battery cartridge:
 - (1) Do not touch the terminals with any conductive material.
 - (2) Avoid storing battery cartridge in a container with other metal objects such as nails, coins, etc.
 - (3) Do not expose battery cartridge to water or rain.

A battery short can cause a large current flow, overheating, possible burns and even a breakdown.

6. Do not store the tool and battery cartridge in locations where the temperature may reach or exceed 50 °C (122 °F).
7. Do not incinerate the battery cartridge even if it is severely damaged or is completely worn out. The battery cartridge can explode in a fire.
8. Be careful not to drop or strike battery.
9. Do not use a damaged battery.

The contained lithium-ion batteries are subject to the **Dangerous Goods Legislation** requirements.

For commercial transports e.g. by third parties, forwarding agents, special requirement on packaging and labeling must be observed.

For preparation of the item being shipped, consulting an expert for hazardous material is required. Please also observe possibly more detailed national regulations.

Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging.

11. When disposing the battery cartridge, remove it from the tool and dispose of it in a safe place. Follow your local regulations relating to disposal of battery.

12. Use the batteries only with the products specified by Cedrus. Installing the batteries to non-compliant products may result in a fire, excessive heat, explosion, or leak of electrolyte.

If the tool is not used for a long period of time, the battery must be removed from the tool.

SAVE THESE INSTRUCTIONS.

⚠ CAUTION: Only use genuine Cedrus batteries. Use of non-genuine Cedrus batteries, or batteries that have been altered, may result in the battery bursting causing fires, personal injury and damage. It will also void the Cedrus warranty for the Cedrus tool and charger.

Tips for maintaining maximum battery life

1. Charge the battery cartridge before completely discharged. Always stop tool operation and charge the battery cartridge when you notice less tool power.
2. Never recharge a fully charged battery cartridge. Overcharging shortens the battery service life.
3. Charge the battery cartridge with room temperature at 5 °C - 45 °C. Let a hot battery cartridge cool down before charging it.
4. Charge the battery cartridge if you do not use it for a long period (more than six months).

SPECIFICATIONS

This fan is equipped with 3-speed control and auto-off timer functions. Power supply can be with Cedrus battery cartridge or AC power source.

Model:		CEDWF300Li
Rated voltage		D.C. 20V
AC power source	Input	100 – 240V, 50 / 60Hz
	Output	16.5V, 3.0A
Fan blade diameter		300mm
Dimensions (L x W x H)		190 mm x 430 mm x 560 mm
Net weight (without battery cartridge) approx.		3kg

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.
- Specifications may differ from country to country.

Applicable battery cartridge and charger

battery cartridge	CEDLi-Ion 2Ah, CEDLi-Ion 4Ah, CEDLi-Ion 6Ah
battery charger	CEDFCH2.4, CEDDCH3.0, CEDFCH3.5

- Some of the battery cartridges and chargers listed above may not be available depending on your region of residence.

⚠ WARNING: Only use the battery cartridges and chargers listed above. Use of any other battery cartridge and chargers may cause injury and/or fire.

Battery running time

Following table refers to some of battery cartridges from Liangye. The estimated running time of full charged battery is shown as below:

Model	Battery cartridge	Wind speed		
		Low	Medium	High
CEDWF300Li	CEDLi-Ion 2Ah	100 min	60 min	45 min
	CEDLi-Ion 4Ah	200 min	120 min	90 min

FUNCTIONAL DESCRIPTION

⚠ CAUTION: Always be sure that the appliance is switched off and the battery cartridge is removed before adjusting or checking function on the appliance.

Installing or removing battery cartridge

⚠ CAUTION: Hold the appliance and the battery cartridge firmly when installing or removing battery cartridge. Failure to hold the appliance and the battery cartridge firmly may cause them to slip off your hands and result in damage to the appliance and battery cartridge and a personal injury.

To remove the battery cartridge, slide it from the appliance while sliding the button on the front of the cartridge.

To install the battery cartridge, align the tongue on the battery cartridge with the groove in the housing and slip it into place. Insert it all the way until it locks in place with a little click.

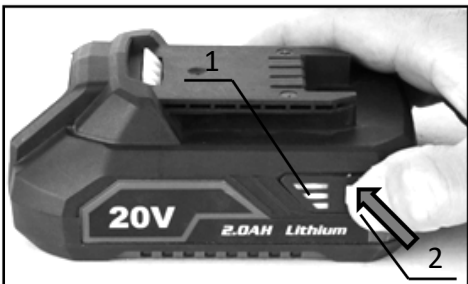


► 1. Button 2. Battery cartridge

⚠ CAUTION: Always install the battery cartridge fully. If not, it may accidentally fall out of the tool, causing injury to you or someone around you.

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

Indicating the remaining battery capacity



► 1. Indicator lamps 2. Check button

Press the check button on the battery cartridge to indicate the remaining battery capacity. The indicator lamps light off immediately when release the check button. Below for detail remaining capacity information.

Indicator lamps		Remaining capacity
Lighted	Off	
		75% to 100%
		25% to 50%
		10% to 25%

NOTE: Depending on the conditions of use and the ambient temperature, the indication may differ slightly from the actual capacity.

Tool battery protection system

This system automatically cuts off power to the motor to extend tool and battery life. The tool will automatically stop during operation if the tool or battery is placed under one of the following conditions.

Overload protection

When the tool is operated in a manner that causes it to draw an abnormally high current, the tool automatically stops without any indication. In this situation, turn the tool off and stop the application that caused the tool to become overloaded. Then turn the tool on to restart.

Overheat protection

When the tool is overheated, the tool stops automatically. In this situation, let the tool cool before turning the tool on again.

If the tool does not start, the battery may be overheated.

In this situation, let the battery cool before starting the tool again.

Over discharge protection

When the battery capacity is not enough, the tool stops automatically. In this case, remove the battery from the tool and charge the battery.

OPERATION

Starting / stopping the fan

Press the power switch button to turn on the fan.
Press the power switch button again to turn off the fan.



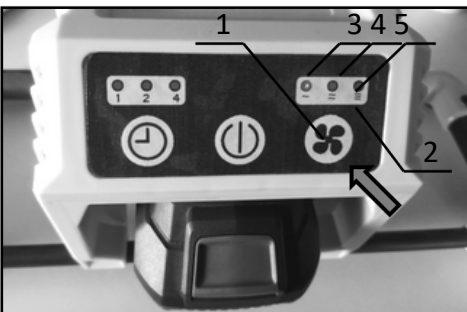
► 1. Power switch button

Accidental re-start preventive function

Even if the battery cartridge is installed onto the tool with the power switch button in the "on" position, the tool does not start.
To start the tool, press the power switch button again.

Changing wind speed

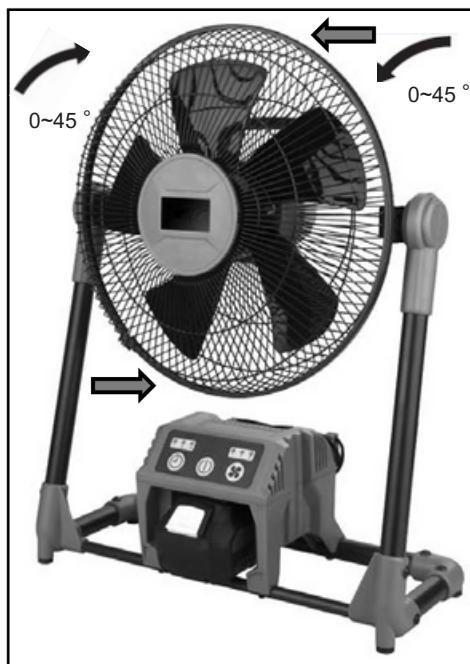
This fan is equipped with 3-speed control function. Press the wind speed change button while the fan is running. The wind speed increases every time you press the button. The wind speed will return to the lowest speed when running in the highest speed. The cordless fan will start in the highest speed every time.



► 1. Wind speed change button 2. Wind speed indicator 3. Low speed 4. Medium speed 5. High speed

Adjusting fan head angle

The angle of the fan head can be adjusted manually. The adjustable range of the fan head is 0-45 ° on both sides as shown in the figure.

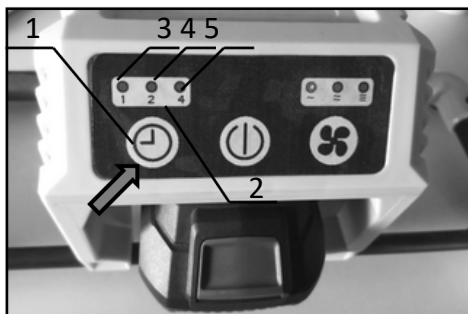


► 1. Fan head

NOTICE: Do not turn the fan head beyond the adjustable range.

Auto-off timer

Press the auto-off timer button while the fan is running. The duration to activate auto-off timer changes every time you press the button (1 hour / 2 hours / 4 hours / off). The number under each auto-off timer indicator shows the remaining hour(s) to turn off the fan. The auto-off timer indicator will turn off with time.



► 1. Auto-off timer button 2. Auto-off timer indicator 3. 1 hour off 4. 2 hour off 5. 4 hour off

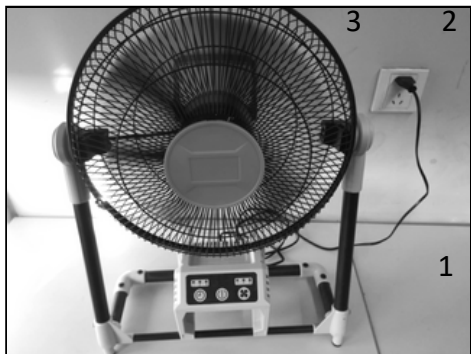
NOTE: Depending on the battery cartridge type and its remaining capacity, the auto-off timer may be activated earlier than the set time.

Using AC power

WARNING: Never use the appliance when the cord or plug is damaged.

WARNING: Do not handle the plug with wet or greasy hand.

Insert the AC plug into a main AC power source directly and correctly. Make sure that the voltage rating of the main AC power source corresponds with that of the tool.



► 1. AC wire 2. AC plug 3. AC power source

NOTE: Even operating in DC power mode, the appliance will automatically changed into AC power mode when plugged in.

NOTE: When the cordless fan switches the power mode from DC to AC, and vice versa, the wind speed may change temporarily.

NOTE: The AC power source does not charge the battery inserted to the appliance.

MAINTENANCE

CAUTION: Always be sure that the appliance is switched off, unplugged, and the battery cartridge is removed before attempting to perform inspection or maintenance.

NOTICE: Never use gasoline, benzene, thinner or any flammable liquid. Discoloration, deformation or damage may result.

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Cedrus Authorized or Factory Service Centers, always using Cedrus replacement parts.

General maintenance

After the appliance is cooled, use clean clothes to remove dirt, dust, oil, grease etc.

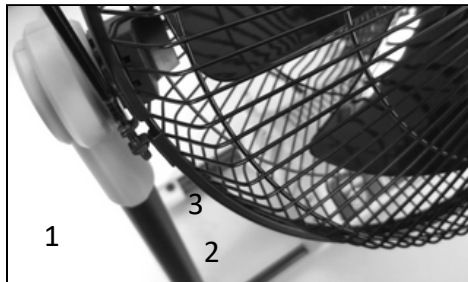
WARNING: All parts should be replaced at an Authorized Service Center.

Fan Cleaning

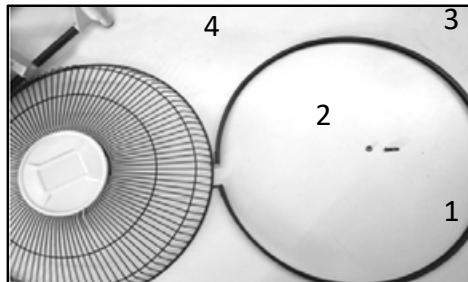
CAUTION: Ensure that the fan is switched off from the supply mains before removing the guard.

When cleaning the inside of fan cover, remove the front fan cover by following way.

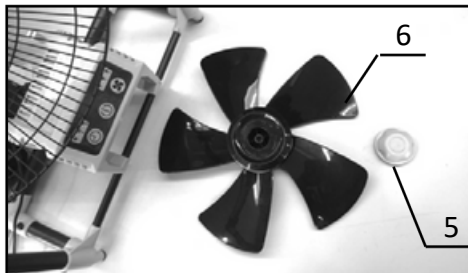
1. Loosen the screw located on the fan cover clamping collar.



2. Take down the screw, nut, front fan cover and fan cover clamping collar in order.



3. Loosen the clamping knob and take it down by turning it clockwise. Then remove the fan blade.



► 1. Screw 2. Fan cover clamping collar 3. Nut 4. Front fan cover 5. Clamping knob of front fan cover 6. Fan blade

Wipe off the fan and front/rear fan cover using a cloth which have dampened in soapy water and squeezed the water out.

To attach fan and the front fan cover, follow the removal procedure in reverse. When attaching the fan and front fan cover, make sure that they are firmly secured.

⚠ CAUTION: Always make sure that the front fan cover is attached before use.

⚠ CAUTION: Attach front fan cover securely. If the front fan cover is attached halfway or incorrectly, it may come off and result in personal injury or damage to the appliance.

⚠ CAUTION: Make sure to tighten the clamping knob firmly or the fan blade may come off and result in personal injury or damage to the appliance.

NOTICE: Avoid applying too much load on the fan cover. It may lead to be out of shape or breakage.

Storage

To prevent fire or burning, allow the appliance to cool down completely before you store it. Do not store the discharged battery for long periods, as it can shorten its service life.

OPTIONAL ACCESSORIES

⚠ CAUTION: These accessories or attachments are recommended for use with your Cedrus appliance specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.

If you need any assistance for more details regarding these accessories, ask your local Cedrus Service Center.

- Fan blade
- Front fan cover
- Cedrus genuine battery and charger

NOTE: Some items in the list may be included in the tool package as standard accessories. They may differ from country to country.