

ITEM # LIDDFKIT20

20v Lithium Ion Drill, Driver and Fan 5 Piece Combo Kit



Thank you for your purchase! If you have questions or problems with your product, CALL CUSTOMER SERVICE at 1-636-532-9888.

Monday - Friday, 8 AM - 4 PM Central Time. A copy of the sales receipt is required.

READ ALL INSTRUCTIONS AND WARNINGS BEFORE USING THIS PRODUCT.

This manual provides important information on proper operation & maintenance. Every effort has been made to ensure the accuracy of this manual. These instructions are not meant to cover every possible condition and situation that may occur. **We reserve the right to change this product at any time without prior notice.**

FOR CONSUMER USE ONLY - NOT FOR PROFESSIONAL USE.

KEEP THIS MANUAL, SALES RECEIPT & APPLICABLE WARRANTY FOR FUTURE REFERENCE.



To register your product warranty, please visit buffalotools.com or scan the QR code.

GENERAL SAFETY INSTRUCTIONS



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.

WORK AREA

- a) **Keep work area clean and well lit.** Cluttered and dark areas invite accidents.
- b) **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.
- c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

- a) **Power tool charger plugs must match the outlet. Never modify the plug in any way.**
- b) **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.
- c) **Do not expose power tools to rain or wet conditions.** Water entering the power tool will increase the risk of electric shock.
- d) **Do not abuse the power 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.

PERSONAL SAFETY

- a) **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.
- b) **Use safety equipment. Always wear eye protection.** Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries
- c) **Avoid accidental starting. Ensure the switch is in the off-position before plugging in.** Carrying power tools with your fingers on the switch or plugging in power tools that have the switch in 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 a 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 jewelry. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewelry or long hair can get caught in moving parts.
- g) **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.

BATTERY 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 designated 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 behavior 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 266 °F may cause explosion.
- 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.

EXTRA SAFETY REGULATIONS CONCERNING BATTERY

To ensure the longest battery life and best battery performance, always charge the battery when the temperature is between 64 - 75°F. Do not charge the battery pack when the temperature is below 32°F, or above 104°F. This is important. Failure to observe this safety rule could cause serious damage to the battery pack.

Do not incinerate the battery pack even if it is seriously damaged or can no longer hold a charge. The battery pack can explode in a fire.

A small leakage of liquid from the battery pack may occur under extreme usage or temperature. This does not necessarily indicate a failure of the battery pack. However, if the outer seal is broken and this leakage comes into contact with your skin:

Wash the affected area quickly with soap and water.

Neutralise the liquid with a mild acid such as lemon juice or vinegar. If the leakage gets in your eyes:

Flush your eyes with clean water for a minimum of 10 minutes and seek immediate medical attention.

Inform the medical staff that the liquid is a 25-35% solution of potassium hydroxide.

Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks open or cracks, immediately discontinue its use and do not recharge it.

Do not store or carry a spare battery pack in a pocket or toolbox or any other place where it may come into contact with metal objects. The battery pack may be short circuited causing damage to the battery pack, burns or a fire. If storing or disposing the battery pack, cover the terminals with a heavy insulation tape to ensure short circuit cannot occur. Batteries, when stored for a long period of time, will discharge.

Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 40°C such as alongside sheds or metal structures in the summer.

Allow the battery pack to cool down after charging. Do not place it in a hot environment such as a metal shed or open trailer left in the sun.

Only charge the battery with the charger supplied.

Do not put the battery pack near fire or high temperature position.

Do not splash or immerse in water or other liquids. This may cause premature cell failure.

When transporting individual batteries, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.

The best storage place is one that is cool and dry away from direct sunlight and excess heat or cold.

If the battery pack has been stored for a long time, activate the battery pack first before using it.

Dispose of the battery safely.

EXTRA SAFETY REGULATIONS CONCERNING BATTERY CHARGER

This tool is not a toy. It should only be used by adults. Children shall not play with the tool.

For indoor use only. Charge your battery pack indoors as the charger is designed for indoor use only.

WARNING

If the battery pack is cracked or damaged in any other way, do not insert it in the charging base. There is a danger of electric shock or electrocution.

WARNING

Do not allow any liquid to come into contact with the charger. There is a danger of electric shock. The charger is not intended for any use other than charging the exact type of rechargeable battery pack as supplied with the charger. Any other use may result in the risk of fire, electric shock or electrocution.

The charger and battery pack supplied with it are specifically designed to work together. Do not attempt to charge the battery pack with any other charger than the one supplied.

Do not place any object on top of the charger as it could cause overheating. Do not place the charger near any heat source.

Pull on the charger to disconnect it from the power source. Do not pull on the lead.

Make sure that the charger lead is positioned where it will not be stepped on, tripped over or otherwise subjected to damage or stress.

Do not use an extension cord unless it is absolutely necessary. The use of an improper extension cord could cause the risk of fire, electric shock or electrocution.

Do not use the charger if it has been subjected to a heavy knock, dropped or otherwise damaged in any way. Take the charger to an authorized service centre for a check or repair.

Do not disassemble the charger. Take it to an authorized service centre when service or repair is required. Incorrect re-assembly may result in the risk of fire, electric shock or electrocution.

To reduce the risk of an electric shock, unplug the charger from the power supply before attempting to clean it. Removing the battery pack alone does not reduce the risk.

The charger is designed for use from a standard household electrical supply. Do not attempt to connect the charger to a supply with a different voltage.

The charger 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 charger by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the charger.

Do not expose charger to rain or snow.

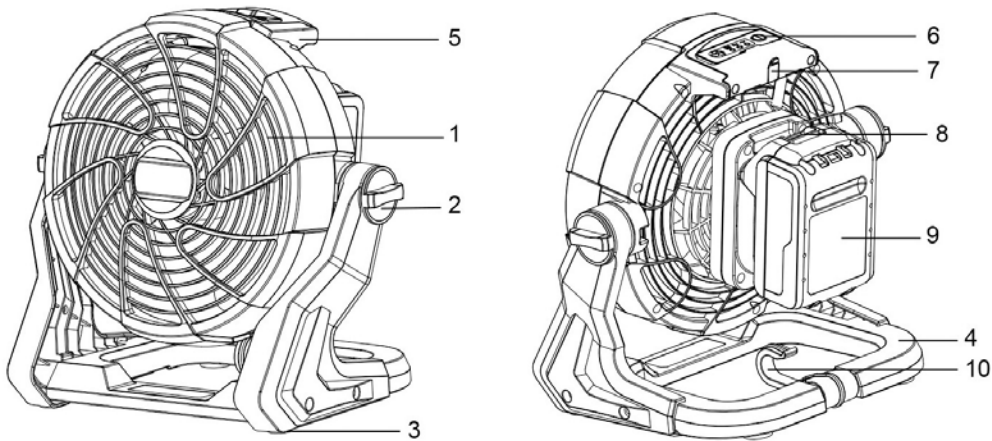
Do not mount charger on wall or permanently affix charger to any surface. The charger is intended to use on a flat, stable surface (i.e. table top, bench top).

Never attempt to connect two chargers together.

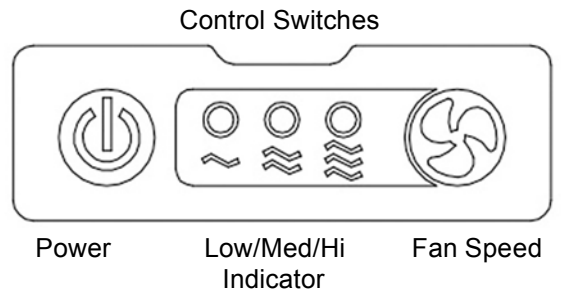
Never insert any objects into the charger's air vents. Electric shock or damage to the battery charger may result.

Disconnect the charger from the outlet before attempting any cleaning. This will reduce the risk of electric shock. Removing the battery pack will not reduce this risk. Never recharge a fully charged battery cartridge. Do not charge non-rechargeable batteries.

COMPONENTS AND SPECIFICATIONS



- | | |
|----------------|---------------------|
| 1. Air Vents | 6. Control Switches |
| 2. Tilt Lock | 7. DC Socket |
| 3. Leg Pad | 8. Battery Lock |
| 4. Support Leg | 9. Battery Pack |
| 5. Handle | 10. Hanging Hook |



FAN SPECIFICATIONS

Power Source	20V Battery
No-load speed	H : 1700 RPM M : 1500 RPM L : 1200 RPM
Air volume	H : 270CFM M : 240CFM L : 180CFM
Wattage	11W
Fan diameter	185mm/with 3x fan blades
Runtime	Hi-3.5 hrs ,M-Lo-5hrs @20V 2.0Ah
Carry handle	Included
Tilt adjustment	Yes, 0-360°

BEFORE USING THE EQUIPMENT

Battery Charger

The lithium-ion battery can be charged at any time and will not develop a “memory” when charged after only a partial discharge. It is not necessary to run down the battery pack charge before recharging. Remove the battery pack from the tool when convenient for you and your job. You can “top-off” your battery pack’s charge before starting a big job or long period of use.

Due to lithium-ion’s fade-free properties, the only time it is necessary to charge the lithium-ion battery pack is when the pack has reached the end of its charge. To signal the end of charge, power to the tool will drop quickly. Charge the battery pack as needed.

Charging the Battery

This lithium-ion battery pack is shipped partially charged. Before using it the first time, fully charge the battery pack. A fully discharged battery pack with a temperature between 41°F and 95°F will charge in about 0.5 - 2 hours (See section “Specifications”).

Plug the charger adapter into power source. The green light on the charger stand will illuminate, indicating the charger is powered.

Slide the battery all the way into the charger stand as far as it can go. The red light on the charger stand will illuminate, indicating that the battery is charging.

The red light will go off after charging is complete and a green light will appear.

⚠ WARNING

Always disconnect the battery pack from the tool before any assembly, adjustments or changing accessories.

Insertion and removal of rechargeable battery

Depress the battery-release button located on the front of the battery pack to release battery pack.

Pull the battery pack out and remove it from the tool.

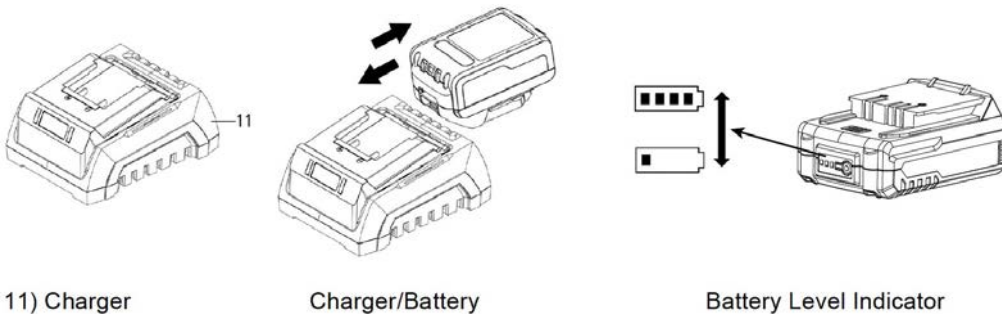
⚠ WARNING

Always remove the battery pack before making adjustments to the equipment.

Be sure to read the following information before you put the cordless equipment into operation: Charge the battery pack with the charger. An empty battery pack requires a charging period of approximately 0.5 to 2 hours.

To insert the rechargeable battery in a power tool, simply slide the battery with correct orientation into the corresponding battery intake of the power tool until it engages with a click. Do not use any force.

The rechargeable battery can be pulled out of the charger.



OPERATING INSTRUCTIONS

1. BATTERY PACK

A) BATTERY POWER GAUGE

Before use, press the "ON" button to activate the battery pack and show the status of battery life.

B) TO REMOVE OR INSTALL BATTERY PACK

WARNING: When removing or installing battery pack, release on/off switch to stop the tool. Depress the battery pack release button to release, then slide the battery pack out from your tool. After recharge, slide it back onto your tool. A simple push and slight pressure will be sufficient.

C) CHARGING THE BATTERY PACK

The battery pack charger supplied is matched to the Li-ion battery installed in the machine. Do not use another battery charger. The Li-ion battery pack is protected against deep discharging. When the battery pack is empty, the machine is switched off by means of a protective circuit. In a warm environment or after heavy use, the battery pack may become too hot to permit charging. Allow time for the battery pack to cool down before recharging. The battery pack will accept a 100% charge after several charge and discharge cycles.

2. CARRYING HANDLE

Carry the fan using the top handle.

3. HANG HOOK

The built-in hang hook telescope out of the backleg and can be used to suspend the fan.

4. FIX HOLE

If using the fix holes, use at least 2 screws, one on each side, secured into sturdy surface.

5. TILT LOCK

Turn two tilt locks anticlockwise to loosen the fan, then tilt fan. Before use, turn tilt lock clockwise to lock angle.

6. SUPPORT LEG

Support leg can be set to set the fan on flat or down the flat.

7. POWER SWITCH

Depress the Power switch knob to turn on, then select Fan Speed button to select low/medium/ high speed. Press the Power switch knob to switch OFF.