



Backpack Electrostatic Sprayer
Breeze 100

User Manual

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Special Note:

This machine prohibits the use of special working chemicals, such as strong acids and alkalis. After using corrosive chemicals, it is necessary to immediately clean it with clean water!

When handling chemicals, observe the safety instructions of the chemical manufacturer.

Safety Sign Description:



Wear a protective mask!



Wear protective clothing!



Wear protective glasses!

Remark: According to the current status of the product, the contents of this manual are subject to change without prior notice.

Working Principle:

This sprayer uses the lithium battery to provide power for the chemical pump. The chemical pump squeezes the chemical solution during the chemical supply process, which increases the pressure of the chemical solution. Under the combined action of high pressure and the special structure of the nozzle, the chemical solution is atomized, and the electrostatic device of the handle is used to attach static electricity to the droplets. Mainly used for disinfection and spraying of surfaces, floors, and walls of objects, as well as the treatment and prevention of mosquito breeding grounds. Due to electrostatic adsorption, it can also spray green plants with hedge technology.

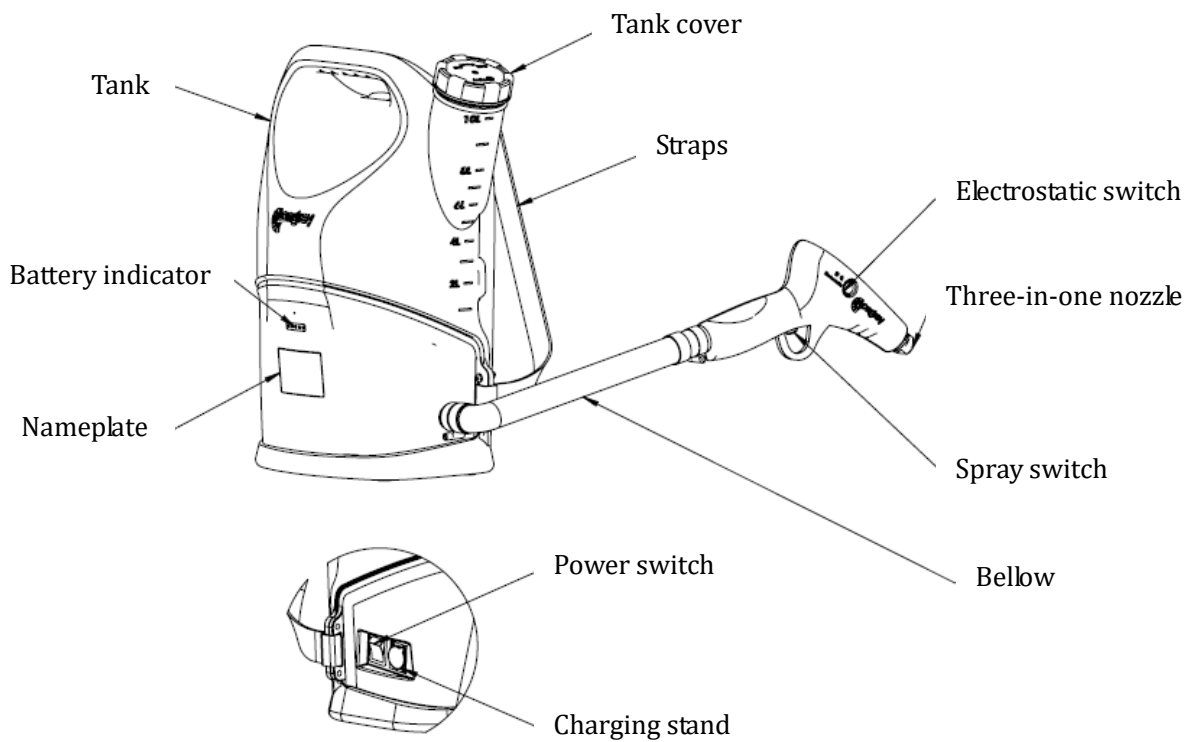
Machine Features:

- Multi-mode spray, one-button switch (electrostatic spray mode and conventional spray mode).
- The three-in-one nozzle can meet the needs of various operations, and the atomization effect is better.
- The insecticidal effect is good, and the front, back, and hidden parts of the crop can be treated with chemicals.
- High work efficiency, water-saving, labor-saving, energy-saving, and environmentally friendly.
- Large-capacity solution tank design, no need to add chemicals frequently.
- The machine is light, electrically operated, simple and labor-saving. High density and high capacity lithium batteries with long battery life.
- Mechatronic design (battery is not removable), safe and reliable.

Technical Specification:

Item \ Specification	3WBJ-10
Working Voltage	DC 24V
Battery Type	Lithium Ion Battery
Battery Fixing Structure	Fixed
Battery Capacity	24V 5AH
Battery Working Time (fully charged)	≥ 4h
Charging Time	2-4h
Spray Distance	≥ 2m/ 6.6ft
Fog Particle Size	50/ 120 microns
Flow Rate	0-400ml/ 0-13.5oz per minute, adjustable
Solution Tank Capacity	10L/ 2.65 gallons
Net Dimension (L x W x H)	400 x 185 x 480mm
Net Weight	4.5KG/ 9.9 LBS
Warranty	1 year

Illustration:



Machine Status:

- The packing box is divided into inner packing and outer packing, open the outer packing carton, the inner packing is base and upper cover which made of expandable polystyrene to fix the machine and prevent the machine from bumping during transportation.
- The status of the whole machine is: the power switch and spray switch are off, and there is no chemical in the solution tank.

Warning:

1. The machine is strictly prohibited from overturning.
2. After use, clean the solution tank with clean water immediately and spray it with clean water for 1 minute to ensure the cleanliness of the solution tank and pipeline.

3. When cleaning the machine, it is strictly forbidden to splash water on other parts of the machine, and please ensure that the internal circuit board, battery and other key components are dry.
4. If the charging power cord is found to be damaged, it must be repaired before charging.
5. Spraying corrosive chemicals will seriously damage the machine.
6. When adjusting the nozzle, it is strictly forbidden to point the nozzle at people and animals.
7. Carefully calculate the required amount of chemical according to the spraying space, dilute the quantitative chemical according to the instructions, and then add the chemical liquid into the solution tank. The maximum amount does not exceed the upper limit of the tank scale (refer to the calculation method) and tighten the tank cover.

Operating Procedures:

➤ Preparations before turn-on:

- Check whether the battery power is sufficient, otherwise be ready for charging. When charging, carefully check the insulation of the charger and power cord to ensure that the charger power cord is not damaged and the insulation is good.
- Make sure the working switch of the machine is in the off position.

Kind Tips:

- The workplace should be as airtight as possible to prevent the waste of chemicals from polluting other places.
- Wear protective equipment as required. Such as protective clothing, masks, etc.

➤ Turn on and off:

a) Turn On

1. Turn on the power switch after arriving at the workplace.
2. Select the desired spray mode, turn on the spray switch, and it can work normally.

2.1 Electrostatic mode switching

After the power switch is turned on, press the electrostatic button on the handle to turn on and off the electrostatic mode. When the switch light is on, it indicates electrostatic mode, and when it is off, it indicates normal mode.



2.2 Nozzle switching



Rotate the nozzle clockwise to switch to the desired spray mode. (Rotate counterclockwise to screw out the nozzle.)

3. Pay attention to observe the working condition of the machine and the spraying amount.

b) Turn Off

1. Turn off the spray switch, the machine does not spray.
2. Turn off the power switch. Do not switch on and off frequently in a short period of time to prevent damage to the machine.
3. Drain the remaining liquid chemicals.

Cleaning & Maintenance:

- After use, add clean water to the solution tank, tighten the cover of the tank and shake it, pour out

the sewage, and then add clean water to wash it twice.

- Add clean water to the solution tank, spray for 1 minute to clean the pipes and nozzles, start spraying twice in a row, and then clean it with clean water.
- If the machine is not used for a long time, it must be cleaned by referring to the above cleaning method, and placed in a dry and ventilated place after air drying.
- Frequently check the seals and moving parts, if any parts are damaged, aged or deformed, they should be replaced in time to avoid affecting the performance of the whole machine.

Battery Storage & Maintenance:

- Low battery power will cause the machine to stop working, so the power switch should be turned off in time. It can only be restarted and work again after charging is completed.
- Avoid the battery working in high temperature and low temperature environment, high temperature will easily damage the battery, and low temperature battery working time will be seriously reduced.
- It is strictly forbidden to place the battery pack in a high-temperature environment, such as heating, near a fire source or sun exposure.
- When the battery is stored, it should be stored in a dry and ventilated environment with no less than 60% of the electricity. And charge it with the charger for 30 minutes every two months.
- Do not disassemble the battery without authorization.
- It is strictly forbidden to put the battery in liquids, and try to avoid rain and so on.
- Please use a dedicated adapter charger when charging.

Trouble Shooting:

- Motor doesn't work

- Check whether the power switch is on.
- Check whether the power of the battery meets the requirements for motor operation.

➤ **Machine works but no spray**

- Check whether there is chemical in the solution tank.
- Check whether the filter is clogged, and replace the filter if necessary.
- Check whether the nozzle is clogged, if so, then replace the nozzle.

Battery Indicator Description:

The power indicator board is dedicated to LR-10A: the red light is a warning light, and the other lights are power indicator lights (only after the machine is turned on for about 5 seconds, the indication results are informative).

Detailed function description:

Red	Yellow	Green	Green	Green	Other	Description
×	√	√	√	√		Fully charged
×	√	√	√	×		The remaining usage time is more than 2/3
×	√	√	×	×		The remaining usage time is more than 1/3
×	√	×	×	×	Ringing	The remaining usage time is less than 1/3, it is recommended to charge
√	×	×	×	×	Ringing	The machine will stop automatically soon

(Note: × means light is off, √ means light is on)

Packing List

	Item	Specification	Quantity
	Sprayer	3WBJ-10	1
Accessory	Dosing filter funnel	/	1
	Knapsack straps	/	1 set
	Nozzle	/	1 set
	Charger	/	1 set
Document	User Manual	/	1