

# Electrostatic Backpack Manual

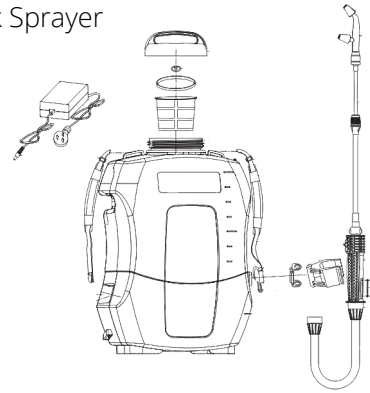


## Operating Instructions

- Remove the battery cover on the back of the unit and plug in the battery.
- Fully charge the battery by plugging in the charger to the side of the backpack. Do not operate the unit before fully charging the battery. You can charge the battery outside the unit with the included battery adapter.
- Remove the blue tank cap. Nozzles and parts are inside of the backpack.
- Assemble the wand handle holster by sliding it onto the side of the unit.
- Attach the desired wand to the handle and the nozzle to end of the wand. Use the provided O-ring at each connection. Tighten connections to prevent leakage.
- When the battery is fully charged, disconnect the charger.
- Turn the switch on the handle to the OFF position.
- To fill the backpack sprayer with desired liquid, slowly pour the liquid into the tank through the filter. Do not take the filter out when pouring. Do not overfill the tank. Tighten the lid on the tank and tilt it slightly to be sure there is no leakage.
- Check the sprayer for leaks. If leaks are detected, check and tighten connections.
- There are two switches on the main unit. The red switch turns on the main power to the pump. The green switch turns on the electrostatic feature. The green light will not illuminate until the power switch on the handle is also turned on.
- Be sure the power switch on the handle is in the OFF position before turning on the red power switch on the tank.
- Avoid accidental starting. Be sure the power is in the OFF position before inserting the battery pack.
- When ready to spray, turn the handle switch to the ON position.
- When not in use, return the handle to the holster on the side of the sprayer with the nozzle pointed up.
- When using the electrostatic feature, before turning on the handle control switch, please ensure that your hand has touched the grounding electrode on the handle to avoid the possibility of static shock. Hold the handle with your right hand with good contact with the grounding electrode on the handle.
- Do not touch the nozzle or wand with your left hand or body while the electrostatic feature is being used.
- After turning on the main power switch, turn on the handle control switch to start normal operation. If you want to pause the spray while in use, turn off the handle control switch. Start spraying again by turning on the handle control switch.
- To shut the sprayer down completely, turn off the handle control switch, the main power switch, and the electrostatic switch on the tank.

## Package Includes

- Electrostatic Backpack Sprayer
- Charger
- 3 Head Brass Nozzle
- Double Nozzle
- 22 inch Wand
- 8 inch Wand
- Seal Gasket
- Drip Guard
- Battery
- Battery Adapter
- Wand Holster



## Spray Method

- When starting, keep the nozzle away from your face, hands, body, and other objects. Do not touch the components of the sprayer head after the static electricity is on.
- When spraying, place the spray head at a height of 12-20 inches above objects. Move the wand horizontally back and forth and walk at a consistent pace to achieve the desired coverage.
- Use this sprayer as a mist type electrostatic spray. Do not spray the liquid to the level of forming large droplets or dripping.
- The unit comes with two nozzles to provide different spray volume and size particles.
- After each shutdown, the nozzle should be touched to the ground to eliminate the remaining static electricity.

## Product Specifications

- Dimensions: 14.3" x 7.5" x 17.9"
- Net Weight: 7.5 lbs
- Power: Lithium 12V4Ah
- Electrostatic Voltage: 15-30 KV
- Tank Capacity: 8 Liters/2.2 Gallons
- Max Output: 200 Sq. Ft. per Minute
- Working Pressure: 0.15-0.4 MPa
- Flow: 0.25-0.4L per Minute
- Operating Time: 3.5 hour

## Maintenance & Storage

- After each operation, the remaining liquid should be drained. Do not use cleaning liquid as it can corrode plastic and metal. To clean the sprayer, use soap, water, and a damp cloth to wipe clean. To clean internal components, run water through the sprayer for 3 minutes.
- Do not immerse parts, such as the tank base and handle, in water. This could cause damage to the parts causing them to not work properly.
- The charger plug should be removed after charging and not be connected while spraying.
- The sprayer should be charged at least once per month.
- Do not disassemble or store in extreme hot or cold conditions.
- Disconnect the battery pack from the sprayer before making any adjustments, refilling the tank, or storing the cordless sprayer.

## Warnings & Safety Instructions

Please read the warnings & instructions fully before using your Electrostatic Backpack Sprayer.

- Turn off the handle control switch, on-off power button, and electrostatic switch immediately if the sprayer is leaking. Professional maintenance is required when necessary.
- Operator must follow the instructions of the chemical provider of the liquids used in the sprayer and take the required precautions as instructed.
- Operator should wash face and hands after using the sprayer.
- Do not use this sprayer to apply flammable liquids. Do not use oil base liquids or liquids containing metals. Only use water based formulations with this sprayer.
- Electrical safety caution: the battery pack must be recharged only with the charger provided. A charger that may be suitable for one type of battery, may create a risk of fire when used with another battery. Use the sprayer only with the specifically designated battery pack. Use of any other batteries may create a risk of fire.
- Store idle sprayer out of reach of children. Electrostatic sprayers are dangerous in the hands of untrained users.
- Do not use a sprayer that is broken or damaged in any way.
- Do not alter the sprayer by adding or removing parts.
- Do not allow the sprayer to operate unattended.
- Do not stand in water while operating the sprayer.

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