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### **Merida Electrostatic Sprayer Backpack Type (6.5L capacity)**

#### **Main Benefits:**

**Touch-free Solution:** Electrostatic charge on chemicals providing a thin, even spray pattern on all surfaces. This provides a fast and effective application method while using fewer disinfectants and other chemicals. Through touch-free disinfection procedures, cross-contamination is reduced greatly.

**Easy to Operate:** Backpack electrostatic sprayer provides you with a great disinfectant tool to attack microbes and decontaminate facilities more efficiently and effectively than ever before. The compact body allows you to feel comfortable with the ergonomic design anywhere. It can be easily taken anywhere! With the use of simple switches and triggers, any adult can operate it.

**Cost-Effective:** Save money with our professional disinfectant backpack sprayer. It is cost-effective and easy to implement due to its versatility, portability, and efficacy. You can save labor, time, and even disinfectants!

Spray tank capacity: 6.5L

Spray volume: 140-290ml/min

Spray particle diameter: 80 um

Static wind sprayer distance: 3-4m

Working voltage: DC 14.8V

Rated Power: 15W

Working pressure: 6-12Bar

Battery capacity : 2500MAH

Battery life: ≥150 min

The working area for full tank capacity: 600m<sup>2</sup>

The working time for full tank capacity : 30 min

The working area for full battery charge : ≥5000m<sup>2</sup>

6 months warranty against manufacturing defects

### Standard accessories

Battery – 2 pcs (one for operation, one for backup)

3 in 1 nozzle – 2pcs

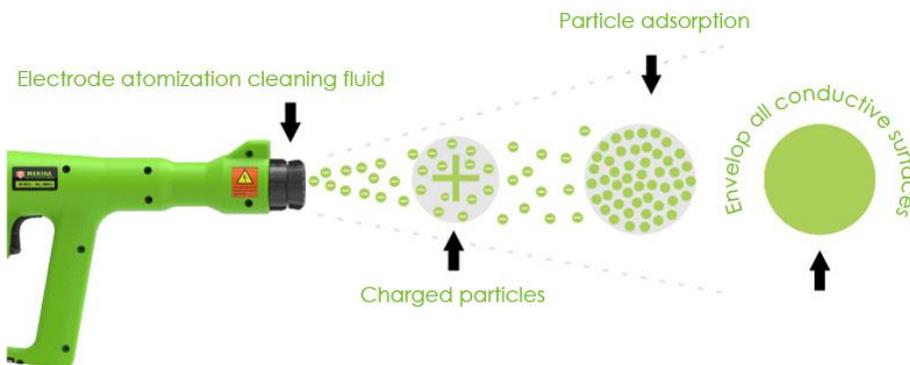
Charger – 1 pc

It is recommended for use with our QAC Based Disinfectants:

QAC Safe ready use disinfectant OR QAC Kleen Super Concentrated Disinfectant

Video: <https://www.youtube.com/watch?v=htMC5KKcgXs>

## Knapsack electrostatic adsorption sterilization sprayer



Electrostatic spray technology is a new way to apply cleaners, sanitizers, and disinfectants to do surface disinfection treatment, often in less time, less chemical liquid and with better coverage than traditional cleaning methods. The technology is well-established, with a history of more than 60 years in other areas, including agriculture, automotive industries, but it has only recently been widely applied to surface disinfection, especially in 2020 due to the COVID-19 virus spreading.

Electrostatic sprayers work by charging chemical liquids (i.e., cleaners, sanitizers, and disinfectants) as they pass through a sprayer nozzle. This generates positive ion charged droplets that repel one another and actively seek out environmental surfaces with negative ion, which they stick to and even wrap around to coat all sides. The result is a uniform coating of sanitizer or disinfectant on sprayed objects, including hard-to-reach areas that manual cleaning can miss. The technology also helps avoid liquid pooling often associated with trigger sprayers.

### Usage Method

01: After installing the water tank, check whether there is water leakage and whether the nozzle is tightened. If there is water leakage, please put the water tank vertically and tighten the nozzle; Check whether the battery is charged, press the button on the battery, the green light is consistent with the corresponding battery indicator, and the red light flashes, indicating that the battery is low and needs to be charged;



02: open the upper kettle cover, add an appropriate amount of liquid, then add clean water according to the proportion

of liquid to mix, close the cover and seal it;



03: Install the battery, connect the power line and water pipe connector on the hand gun to the corresponding power socket and water pipe male connector on the box, and press the power switch on the hand gun for spraying. If the electrostatic adsorption function is required, press the button switch on the hand-held spray gun to turn on the electrostatic adsorption function;



04: There are three types of nozzles: small cylindrical nozzle, large cylindrical nozzle and fan nozzle. You can turn the nozzle holder clockwise as needed. When you hear the sound of "Ding", you can change it to another type. Fan spray is the largest, followed by large cylinder, followed by small cylinder.

