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IND-MD-DF-ESR-R1

Rechargeable Battery-powered Electrostatic Sprayer - 9.84' Spray Distance - 0.47G Tank Capacity - No-Contact Disinfection

Product ID: 269324

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

IND-MD-DF-ESR-R1 Cordless Electrostatic Sprayer

Unit Type: Rechargeable Battery-powered Electrostatic Sprayer

Dimensions (Complete Unit): 13.77" x 5.90" x 3.14"

Tank Dimensions: 7.87"H x 4.48"W

Weight: 2.09 lb

Sprayer Voltage: 20 V DC

Amps: 6 A

Electrostatic Charge: 500 W/cm³

Droplet Size: 1.6-39.1m

Atomization Rate: 2.36 Ounces Per Minute

Flow Rate: 0.94 Gallons Per Hour

Spraying Distance: 9.84'
Electrostatic Coverage Distance: 16.4'
Tank Capacity: 0.47 Gallons
Tank Coverage Area: 984 Square Feet per Full Tank

Mount: Portable Handle

Sound Level: 90 dB

Battery Type: 2200aH Lithium-ion

Battery Recharge Time: 3 Hours

Ratings/Features

No-contact Disinfection

Special Orders - Special Requirements

Field Replaceable Battery: Yes (Only 1 Battery Included)

Runtime: 30 Minutes per Full Charge

Area Coverage per Charge: 984 Square Feet

Charger Voltage: 110 V, 50/60 Hz

Package Contents: Cordless Sprayer, (1) Battery, Wall Charger, Nozzle, Screw-On Tank

Contact us for special requirements

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The Larson Electronics IND-MD-DF-ESR-R1 Rechargeable Battery-powered Electrostatic Sprayer is a no-contact disinfection solution for hard-to-reach surfaces in work sites, outdoor areas, gyms, offices, daycare centers, warehouses, airports, healthcare facilities, and more. This wireless device sprays a mist consisting of a sanitizing agent, which applies an even coating on surfaces and equipment. Equipped with a 0.47-gallon tank capacity, the sprayer comes with a power charger, 2200 aH lithium-ion battery, nozzle, and screw-on tank.

******PLEASE NOTE: Chemicals are not included with the unit.******

The IND-MD-DF-ESR-R1 disinfects hard-to-reach surfaces, areas, and odd-shaped equipment without contact. This portable electrostatic unit is equipped with a 0.47-gallon tank capacity that holds the sanitizing agent. The device turns the liquid solution into a mist (median drop diameter of 1.6-39.1µm) as the mixture is released into the area. For best results, a 9.84` spraying distance between the sprayer and the target surface should be observed during application. This device has an electrostatic charge of 500 W/cm³, an atomization rate of 2.38 ounces per minute and a flow rate of 0.94 gallons per hours. Keep in mind that the capacity of the tank is only 0.47 gallons so a refill will be needed to meet the per hour flow rate. In addition to sanitation, the portable sprayer can be used for pest control and plant fertilization (using various liquid material, soluble powder, or emulsion).

Battery: The IND-MD-DF-ESR-R1 is powered by an 2200aH lithium-ion battery, which offers a runtime of 30 minutes per full charge. A wall charger that operates on 110 V, 50/60 Hz is included with the unit. The battery is field replaceable to extend runtime. From a completely depleted state, the battery will take 3 hours to fully recharge. The battery is removable for charging convenience and features a charge level indicator light. Click here to purchase additional batteries seperately.

Mount: Equipped with a handle, this wireless disinfection device is designed for portable use to allow maximum reach of areas and surfaces.

Suggested Applications: Industrial sites, manufacturing facilities, warehouses, outdoor areas, factories, farms, airports, gyms, offices, daycare centers, hospitals, workshops, labs, and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)


Portable
Sprayer


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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **Video1**
- **Video4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**