Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

IND-BM-R3-HDB-UVC-3L-BX55-BP-1.5K

Battery Powered UV Sanitation Push Cart - (3) 55W Biax UVC Lamps - Removable UV Lamp - 1500Wh Li-ion Batt.

Product ID: 267919

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.

This unit is Made In USA - Manufactured in Texas

IND-BM-R3-HDB-UVC-3L-BX55-BP-1.5K Rechargeable UV Disinfection Push Mower

Battery Pack Specs:
Battery Type: Li-ion Battery
Battery Capacity: 1500Wh
Rated Output Power: 500W
Peak Output: 700W
Voltage: 120V AC
Output Frequency: 50Hz/60Hz
Relative humidity: 5% ~ 90%
AC Charge Input Voltage: 88~264VAC
AC Charge Power Factor: =0.94(full load)
AC Charge Input Frequency: 50/60Hz±5 Hz
AC Charge Max Charge Power: 327W
AC Charge Max Charge Time: 5 hours
AC Max Efficiency: 92%
PV Charge Max Input Power: 210W
PV Charge Start-up Voltage: 18VDC
PV Charge MPPT Amount: 1
PV Charge MPPT Input Voltage: 18~50VDC
PV Charge Max Input Voltage: 150VDC
PV Charge MPPT Efficiency: 99.50%
Solar Charging Model: MPPT
Charge Temperature: 0 ~ 40°C

Ratings/Features
Short-wave Germicidal Light
Compact Design
EPA Reg. No 98409-1
EPA Est. No. 98409-TX-1

Overload Ability: 120% < load < 130% @10min; 130% < load < 150% @10s
AC Output Socket/Charging Cable: Type G

Lamp Specs:

Lamp Technology: UV-C Biax

Lamp Quantity: (3) UV-C Biax Lamps - (2) Stationary, (1) Removable

Dimensions: -

Weight: -

Voltage: 120V AC

Total Watts: 165W

Single-lamp Watts: 55W

Total UV Output: 49.5W

UV Irradiance: 468 uW/cm2 at 3ft

Luminous Efficacy: -

Expected Lifespan: 8,000+ Hours
UV Wavelength: UV-C, 200nm - 280nm (254 nm)
CRI: -
Lamp Type: Biax
Lamp Base: -
Replacement Lamp: -
Beam Angle: 180º
Light Configuration: Flood
Power Efficiency: -
Power Factor: -
Controls: 3-way Switch (Cart, Handheld Lamp Only or Off)
UV Exposure Time: 1 Second

Amps: -

Ambient Operating Temp: -

Materials: Stainless Steel (Fixtures), Steel (Push Cart)

Finish: High-strength TGIC Polyester Powder Coated Blue

Mounting: Powder Coated Steel Push Cart

Wiring: 25' 16/3 SOOW Cord between Removable Lamp and Push Cart

Cord Cap: -

PLEASE NOTE: UV-C light can cause temporary or permanent loss of vision, and temporary acute redness or ulceration (mild to severe sunburn) to exposed skin. To prevent exposure, do not operate the device in any application that allows UV-C light to be visible during operation. NEVER LOOK DIRECTLY AT THE BULB OR DISINFECTING TARGET ZONE. DO NOT touch bulb with bare hands. The oils in your skin will damage the lamp. Fingerprints will result in reduced performance and significantly reduce the lifespan of the lamp unless they are removed with alcohol. Please read instruction manual for UV safety requirements before operating.

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

This unit is Made In USA - Manufactured in Texas

The Larson Electronics IND-BM-R3-HDB-UVC-3L-BX55-BP-1.5K Battery Powered UV Sanitation Push Cart disinfects viruses and bacteria on floors, flat surfaces, hallways, work areas, equipment and walls. This unit offers UV-C output at a range of 200nm - 280nm (254nm) and comes equipped with three 55-watt UV biax lamps. Capable of disinfecting surfaces at walking speed (1 second), the system is powered by a rechargeable lithium-ion battery pack. The powder coated steel push cart has a 3-way switch for selecting different operating modes.

Please note: This product produces UV light. Make sure to follow all safety guidelines and protocols found in the user manual. UVC light in the proper setting kills up to 99.9% of viruses, mold, spores and bacteria. Click here to learn more about UVC and the corona virus*

The IND-BM-R3-HDB-UVC-3L-BX55-BP-1.5K is a powerful sanitation solution for buildings, walkways, offices, clinics and general flooring areas. Equipped with three 55-watt biax lamps, this system offers UV output, within the 200nm - 280nm UV-C range (254 nm). There are two stationary lights and one removable

light for handheld sanitation of surfaces and equipment. The lamps have an expected lifespan of 8,000+ hours and emit a flood beam pattern. Compatible with 120V AC, a 3-way switch on the cart can be used to activate the stationary lights or the removable lamp only and turn the system off.
The fixtures are protected by a stainless steel housing. With a recommended 1 second exposure time for viruses, multiple push carts can be purchased to sanitize large areas quickly. The UV lights on this system can disinfect over 99% of bacteria, viruses, mold and spores.
Battery Pack: The portable battery pack supports a rechargeable li-ion battery with 1500Wh capacity. The unit comes with versatile AC and PV charging options. Illuminated green indicators display the charging status of the unit when it is in use. A button activation system allows operators to toggle the power of the battery pack on/off. A Type G AC output socket/charging cable is supported by this unit. This product can be charged using solar panels (PV) with a max input voltage of 150Vdc and MPPT input voltage of 18~50VDC. AC charging options include 88~264Vac input voltage with 327W max charge power.
Wiring: This unit comes with 25 feet of 16/3 SOOW chemical and abrasion resistant SOOW cord between the removable UV lamp and the push cart.
Mount: All system components are secured on a powder coated steel push cart for mobility. The removable UV lamp is located at the front of the cart for quick access.
The UV sanitation cart is constructed of steel with a polyester powder coated blue finish for durability against dirt, moisture and mild corrosion. This special coating creates a high-strength barrier for protection from accidental bumps and scratches. The TGIC polyester powder coat finish offers reliable resistance against chemicals, UV light (sun light) and degrading elements in outdoor locations. Our powder coating solution ensures robust color retention for many years without fading. Custom colors, such as desert tan, grey or forest green, and galvanized finishes are available upon request. Non-standard powder coat colors or galvanized finishes may increase price and lead times.
Suggested Applications: Sanitation, disinfection, mats, floors, offices, gyms, clinics, public buildings, stairs, hallways, schools, athletic facilities, work sites, public transportation hubs 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.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Frequently Asked Questions (FAQ)

IND-BM-R3-HDB-UVC-3L-BX55-BP-1.5K

Product ID: 267919

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**
- **Catalog Page - Product Series**
- **Certificate 1, Misc**
- **Certificate 4, Misc**
- **Eye Safety Information/Certificate**
- **Lighting Facts & Information**
- **MSDS (Material Safety Data Sheet**
- **Spectrum Curve (Wavelength Graph)**
- **USA NEC Certificate (Commonly referred to as UL Certificate)**
- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**