




Safety Data Sheet

UV Innovators (a wholly owned subsidiary of WellAir)
 401 Harrison Oaks Blvd. Suite 230
 Cary, NC 27513 USA

Product Name/ Description	NuvaWave™ UVC Handheld Disinfection Kit	
Product Model(s)	NW-UVC-100 and NW-UVC-100-US	
Specifications	Specification / Classification	Description
	Charger: AC Input Requirements	100-240VAC, 50-60Hz
	Charger: DC Output Nominal	16.8VDC, 2Amps
	NuvaWave DC Input	14.4VDC, 3.5 A, 50 Watts
	NuvaWave Irradiance @ 5cm (2")	270nm, 1.2 Watts, 12mW/cm ²
	NuvaWave UVC Emitter Life Expectancy	5000 Hours
	NuvaWave Disinfection Device Weight	0.64 kg (1.4 lbs.)
	NuvaWave Disinfecting Area	100 mm x 100 mm (4 inches x 4 inches)
	NuvaWave Disinfection Distance	25-90 mm (1-3.5 inches)
	NuvaWave Disinfection Times	Refer to Tables 4.2 - 4.4
	Battery: Technology / Voltage / Capacity	Li-ion / nominal 14.4VDC / 143Wh
	System: Operating Temperature	15°C to 25°C (59°F to 77°F)
	System: Storage Temperature	15°C to 35°C (59°F to 95°F)
	System: Transport Temperature	-25°C to 70°C (-13°F to 158°F)
	System: Relative Humidity	5% to 95%, non-condensing
	System: Operating Altitude	Up to 2000 Meters (2200 Yards)
System: Operating Environment	Indoor use, only in dry locations	
Certification/Marking	<p>KIT complies with DESIGN & MANUFACTURING: ISO 13485, 21CFR820 SAFETY: ANSI/UL 61010-1:2012, CAN/CSA-C22.2 No. 61010-1:2012 (3rd Edition), EN 61010-1:2010 (3rd Edition), and IEC 61010-1:2010 REG#:801079 EMC: EN 61326-1 2006 SHIPPING: ISTA2A - Temperature (-25°C to +70°C), Humidity (95%), Compression, Drop, Vibration, Shock</p>	
		<p>Battery complies with IEC 62133:2012 UL 60950-1: 2007 Ed.2 CSA C22.2#60950-1:2007 Ed.2 UL 2054 Issue: 2004/10/29 Ed.2 EN55032: 2015 EN55024:2010+A1:2015 Authorized to mark – ETL file number 4003582</p> <p>Charger complies with IEC 60335-1: Ed.5 IEC 60335-2-29: Ed.4 Authorized to mark – UL file number E340833</p>

Hazardous Ingredients	This product is RoHS compliant
Maintenance	No maintenance required. Handheld performs continuous self-testing to ensure it remains within specifications. A green light indicates the unit is ready for operation. A flashing red light indicates an error condition. First check battery charge, then power cycle. If error continues, contact customer service at 1-855-688-2928.
Warning and Safety Precautions on Device Label	
Warning and Safety Precautions Inside Manual.	Comprehensive literature of the safe operation of device, including warning user about danger of UVC, Do's and Don'ts, as well as proper PPE and safe operation of device
Special Protection and Precautions	 <p>Caution: Device Service. Do not attempt to service the device. The device and its associated parts are not serviceable by the user. Modifying the Device could reduce its effectiveness and/or cause bodily harm to the user, including electric shock, burn, or exposure to harmful levels of UVC radiation. Contact UV Innovators at info@uvinnovators.com or 1-855-NUV-AWAY (1-855-688-2928) for service.</p> <p>Caution: Device Damage. Do not drop the Device or impact the Device. Burns or shock could occur from exposure to internal components. Dangerous UV Exposure could occur.</p> <p>Caution: Battery. Only use UV Innovators approved rechargeable batteries.</p> <p>Caution: Charger. Only use the UV Innovators approved charger. Using an unapproved charger can cause shock or fire.</p> <p>Caution: Harmful Ingress of Liquid. IP20. This equipment has no protection against ingress of liquids.</p> <p>Caution: This device is not to be operated outside of the specifications of this document. Operate the NuvaWave device only with parts and components provided by UV Innovators. The performance of NuvaWave cannot be guaranteed if other parts or components are used.</p> <p>Caution: This device is not suitable for use in the presence of flammable mixtures.</p> <p>Caution: This device is not suitable for use in oxygen rich environments.</p> <p>Caution: Do not expose to flame.</p> <p>Caution: Do not dispose in a general public waste landfill.</p>