

Voltstack® 5k

Entertainment Energy Storage System - Entertainment

User Manual



Power Storage and Distribution Touring Rack



Introduction

Voltstack® 5k is the trailblazing electricity storage and distribution system that reigns supreme in the realm of silent, emission-free, off-grid portable power. With its cutting-edge technology and sleek design, the Voltstack® 5k stands tall as an industry leader. This powerhouse of a portable battery energy storage system effortlessly handles the power needs of temporary projects of almost any scale.

This user manual reviews the proper use of the wide range of locking and non-locking inlet, feed-thru and receptacle versions available. Please take time to review all precautions and warnings in the manual prior to making the proper connections for use. Store this manual in a safe location for future reference.

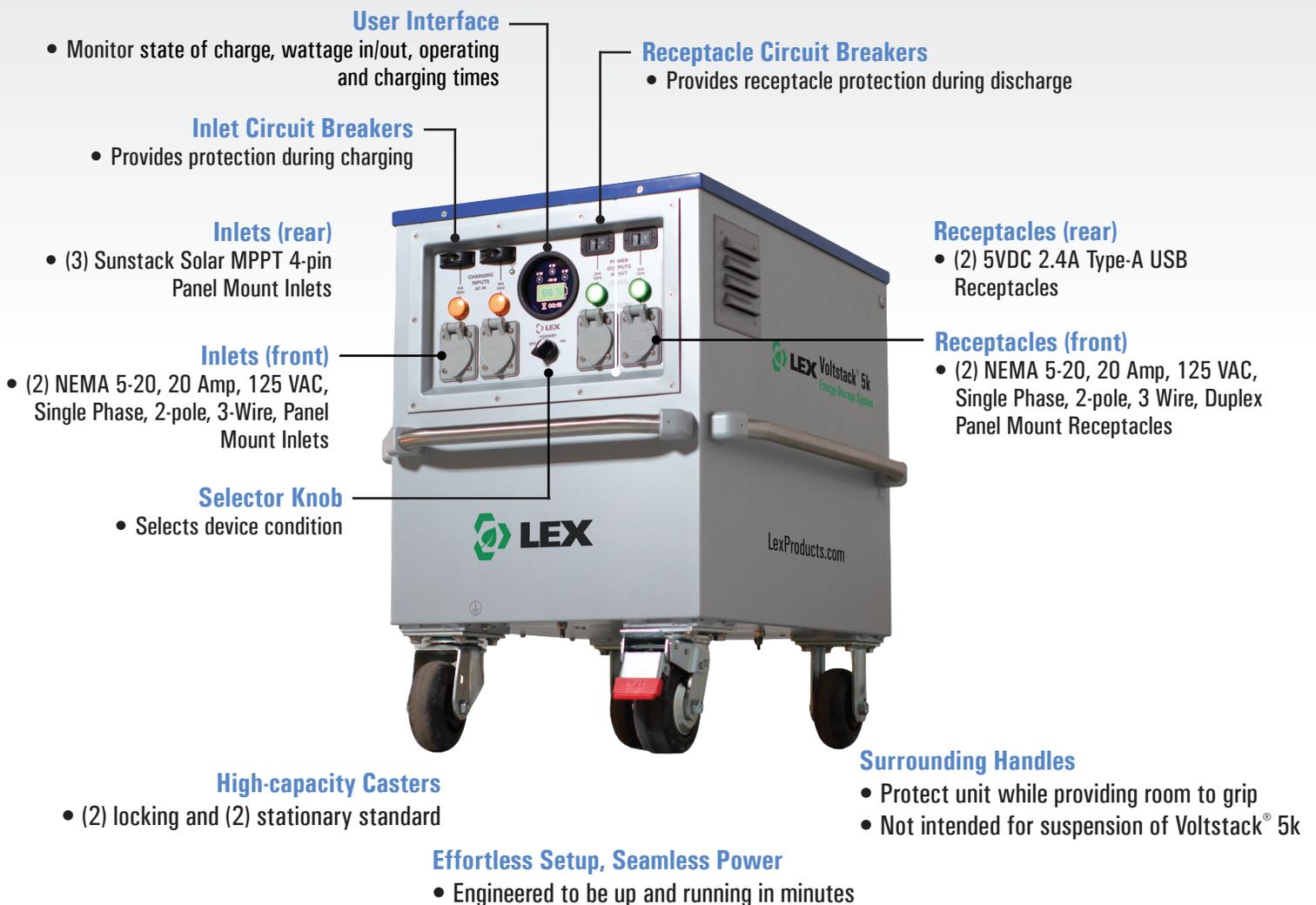
Introduction

When you get your Voltstack® 5k, check the shipment carefully to confirm it arrived complete and undamaged.

1. Check the contents against the packing list to ensure the devices are the correct models
2. Check the unit for loose or broken components, which might have resulted from shipping
3. Inspect for signs of damage to wiring devices or circuit breakers

If there is any damage to the Voltstack® 5k Power Storage and Distribution Rack, contact Lex Products toll free at 800.643.4460 or email info@lexproducts.com.

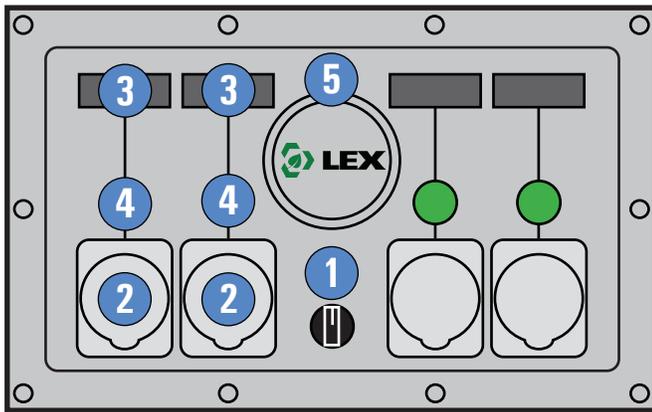
Voltstack® Power Storage and Distribution Rack Components - Typical



Setting Up the Voltstack® 5k

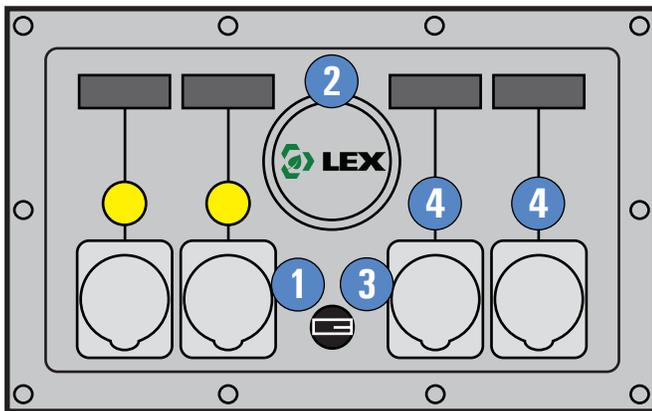
- The Voltstack® 5k is designed to be used in outdoor locations
- Each Voltstack® 5k Rolling Distribution Rack should rest on its own casters, on a level surface capable of supporting the weight of the unit and in a location with suitable ventilation
- DO NOT locate any Voltstack® 5k in any area prone to standing water
- DO NOT use the handles to suspend the rack
- Once properly located, make certain to lock the swivel casters
- ALL inlet and receptacle circuit breakers for the rack must be in the 'O/OFF' position during connection, transport and storage

Charging the Voltstack® 5k



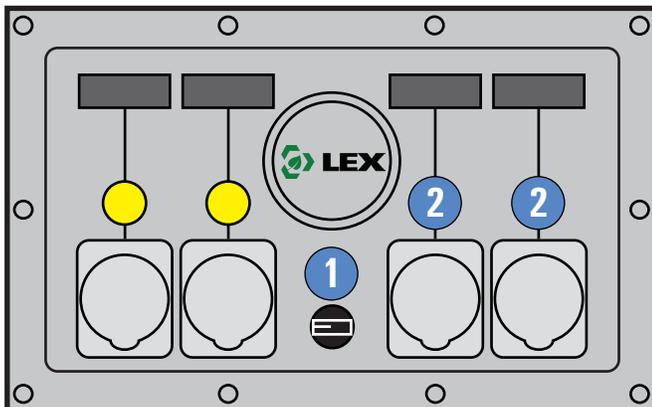
1. Turn the Selector Knob to the "STANDBY" or "ON" position.
 - If the knob is in the "OFF" position, the Voltstack® 5k will not charge
2. Plug the de-energized input cord(s) into the charging ports.
3. Energize the line cord(s), then move the charging port circuit breakers to the 'I/ON' position
4. The orange indicators will illuminate to designate that the Voltstack® 5k is charging
5. Charging is complete when the User Interface displays "100%"

Turning On the Voltstack® 5k



1. Turn the Selector Knob to the "STANDBY" position
 2. Wait for the User Interface screen to illuminate
 3. Turn the Selector Knob to the "ON" position
 4. The green indicators will illuminate to designate that the Voltstack® 5k is ready to use
- Best practices dictate that load connections are completed prior to power being applied to the circuit
 - Fully insert the male plug into the female receptacle, ensuring it is properly seated
 - Turn the associated circuit breaker to the 'I/ON' position

Turning Off the Voltstack® 5k



1. Turn the Selector Knob to the "OFF" position.
2. Wait for the green indicators to darken to designate the unit it off.

Best Electrical System Practices

- Voltstack® 5kw must be fully cycled (discharged and charged) at least once a year to maintain battery life
- The unit must be stored fully charged as damage to the batteries may occur if charging from 0%
- Connections should be completed prior to energizing the circuit
 - This ensures connections are not made while the circuits are energized or 'live', limiting the potential for shock or damage to personnel, loads or connections
- Loads should be applied gradually the first time the system is set up
 - Sequentially energizing power distribution systems simplifies locating and identifying electrical issues while isolating them from surrounding components
 - Beginning with the first connected receptacle, move the associated individual circuit breaker to the 'I/ON' position
 - Ensure the devices fed by that circuit are ON, tracing the electrical path to the final device fed by that circuit
- If the circuit breaker cannot be energized or trips, check the system for continuity, short circuits and overload, and make the necessary corrections before proceeding.

Troubleshooting Your Voltstack® 5k

1. Initial Troubleshooting Procedure:

- Ensure all circuit breakers are in the 'I/ON' position
- Perform a power cycle
 - Turn your Voltstack® off per the instructions above
 - Wait (10) seconds
 - Turn your Voltstack on per the instructions above

2. There is no power at the output receptacles:

- Complete troubleshooting Step #1, then check for power at the output receptacle
- If there is no power, call 800.643.4460 for support

3. The Green Outlet indicators do not illuminate:

- Complete Troubleshooting Step #1, then check for power at the output receptacle
- Ensure the circuit breakers above the output receptacles are in the 'I/ON' position
- If there is power, it is an issue with the green outlet indicators
 - Your Voltstack® is operational
 - Call 800.643.4460 for support

4. The Voltstack® 5k is not charging:

- Ensure the steps detailed in the section 'Charging the Voltstack® 5k' have been completed
- Complete Troubleshooting Step #1, then check for power at the User Interface
- If your Voltstack® does not charge, call 800.643.4460 for support

5. The orange charging lights do not illuminate:

- Check the input power source to ensure it is supplying power
- Ensure the input power cord is connected properly and fully seated
- Ensure the circuit breakers above the inlets are in the 'I/ON' position
- If your Voltstack® does not charge, call 800.643.4460 for support

6. The Voltstack® 5k charge does not last as long as normal:

- Complete Troubleshooting Step #1
- If your Voltstack® still does not last as long as normal, please call 800.643.4460 for support

Technical Support

Lex Products is available to help answer any product related inquiries. For any questions or technical advice, please call toll free 800-643-4460 or email info@lexproducts.com.



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