VOLTstack®
Power Stations
BY **Portable**Electric

QUICK GUIDE – VOLTSTACK® 2k & 5k

VOLTstack® Power States - READ FIRST

The VOLTstack® power station has three power states:

Power On - All systems on with AC output
For full power output & usage - Green Output Lights ON

Standby - Systems on with NO AC output
For charging and between operations - Battery Monitor lights ON

Off - Zero power state with NO AC output
For shipping and long term storage - NO lights on, including Master Battery On/Off

TO TURN POWER ON

From Off to Standby

1. Lift the panel on the Master Battery On/Off.
2. Press the button(s) beneath and the blue button lights will illuminate.

From Standby to Power On

1. **Press the On/Off Button** located on front panel. The blue button light will illuminate.
2. You will hear two beeps and after 6 seconds the green Output Lights will illuminate. You now have power!

TO TURN POWER OFF

From Power On to Standby

1. Unplug or turn off devices before shutting off the unit.
2. **Press the On/Off Button** on the front panel. This will cut the power to the receptacles and all lights will turn off.
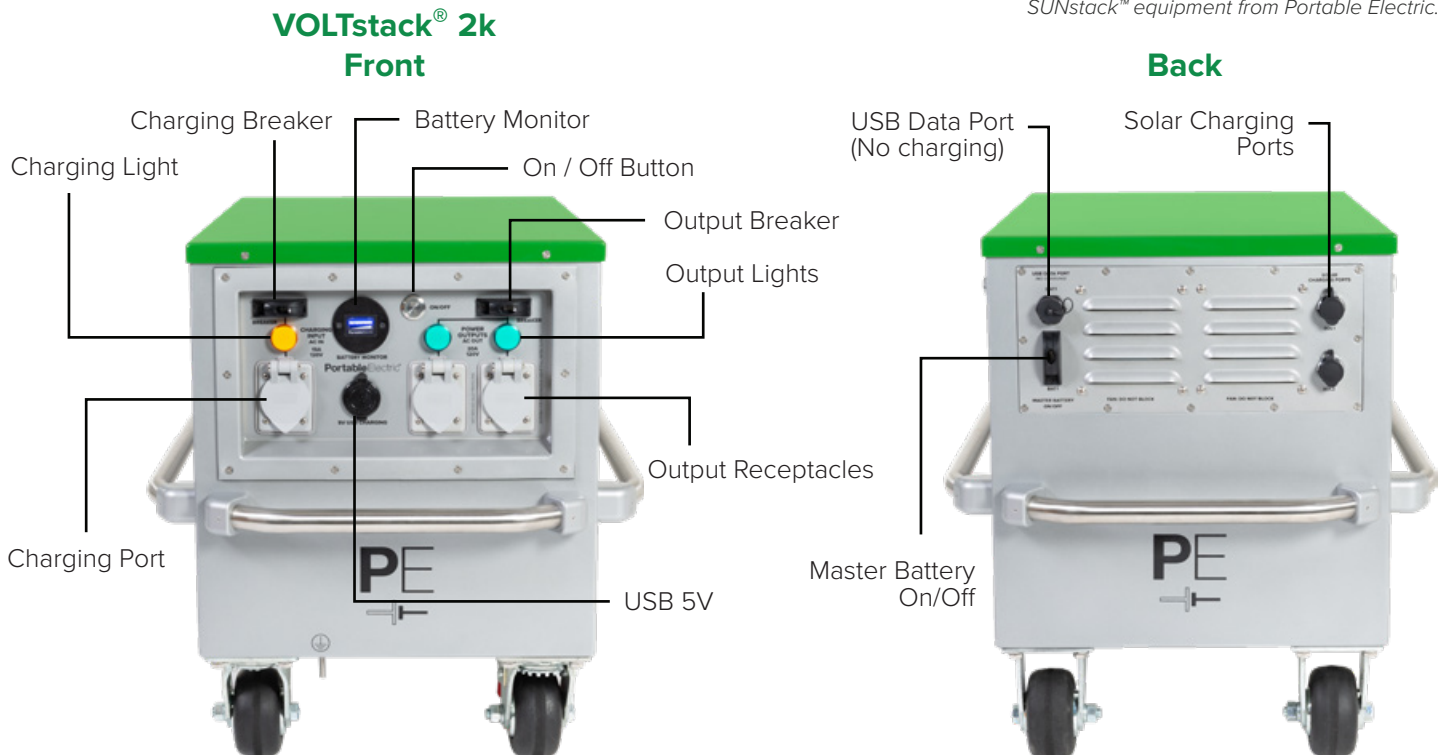
From Standby to Off

1. Lift the panel(s) on the Master Battery On/Off.
2. Press the button(s) beneath and the blue button lights will turn off.

TO CHARGE THE UNIT

1. From Standby or Power On states, ensure the Charging Breakers are ON.
2. **Plug the extension cord's 'female' end into the Charging Ports.**
3. The orange Charging Lights will illuminate indicating there is charge power coming in & blinking blue LEDs on the Battery Monitor will indicate the unit is charging.   *NB: 'Charging' is defined by net power consumption.*
4. **Charging is complete when full bars are shown on the Battery Monitor.**
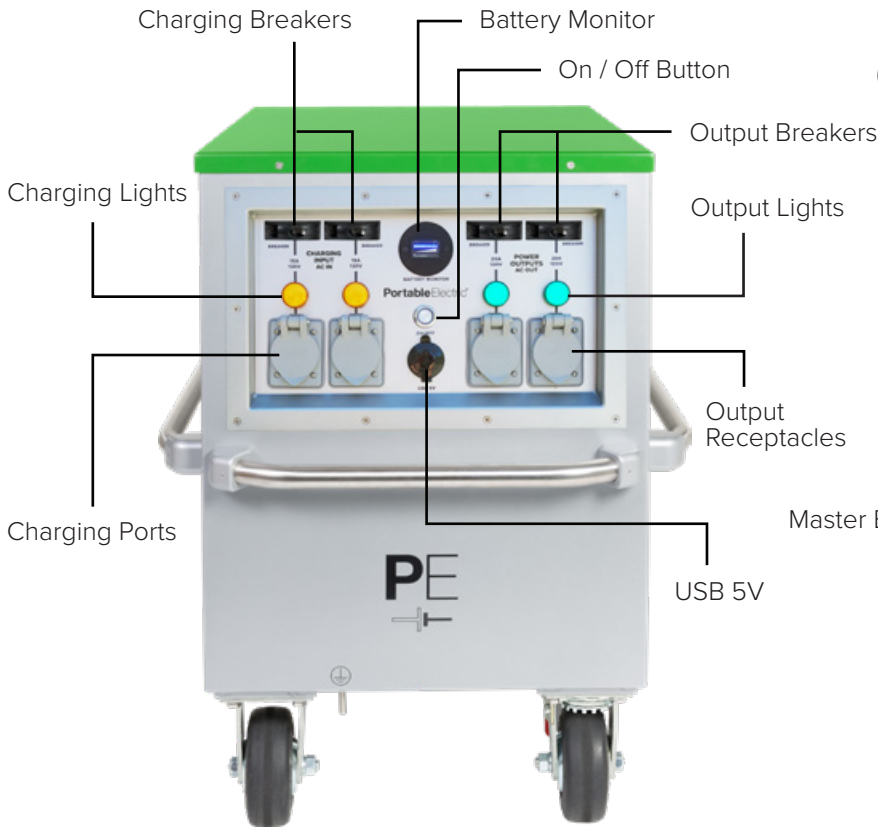
Charging from Solar

1. **To charge using solar** – plug the solar cable from the SUNstack™ solar kit into the Solar Charging Ports.
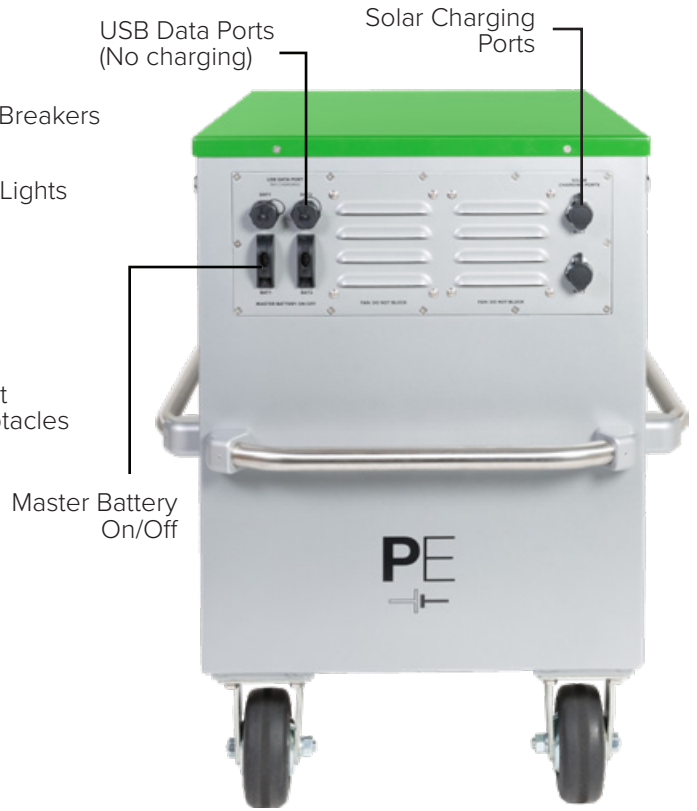   *NB: Using solar panels, solar cables or solar connectors not supplied by Portable Electric may cause permanent damage to your VOLTstack® and/or void your warranty. Use only approved SUNstack™ equipment from Portable Electric.*

VOLTstack® 2k
Front

Charging Breaker

Battery Monitor

Charging Light

On / Off Button

Output Breaker

Output Lights

Output Receptacles

Charging Port

USB 5V

Back

USB Data Port (No charging)

Solar Charging Ports

Master Battery On/Off

VOLTstack® 5k
Front

Charging Breakers

Battery Monitor

On / Off Button

Output Breakers

Charging Lights

Output Lights

Charging Ports

Output Receptacles

USB 5V

Back

USB Data Ports (No charging)

Solar Charging Ports

Master Battery On/Off

Storage

1. **Maximize battery life by turning the unit off when not in use.**
2. Turn the unit into Standby, and then into Off power state.

Troubleshooting

1. **IMPORTANT - Initial Troubleshooting Procedure:**
   - Ensure all breakers are in the ON position.
   - **Perform a Power Cycle:**
     - From **Standby** state, turn the unit to **Off** state (see pg. 1).
     - Wait 10 seconds.
     - Turn the unit back to **Standby** and then to **Power On.**

2. **There is no power at the Output Receptacles.**
   - See Step 1.
   - If there is still no power, please call the service provider.

3. **The green Output Lights do not illuminate.**
   - Complete Step 1, then check for power at the Output Receptacle.
   - If there is power, it is an issue with the Output Lights. The unit is still operational. Please call the service provider.

4. **The unit is not charging.**
   - See Step 1.
   - If unit still does not charge, see Step 5.

5. **The orange Charging Lights do not illuminate.**
   - Check input power source and connection.
   - If the unit still does not charge, please call the service provider.

6. **The unit's charge does not last as long as normal.**
   - Ensure that the blue Master Battery On/Off lights are illuminated.
   - Charge the unit back to full.
   - If the unit's charge still does not last, please call the service provider.