

Microgrid Operation Safety Notice

Customer Safety Notice: High Voltage Hazard During Microgrid Operation

To our valued customers,

We emphasize the critical importance of safety when operating your solar energy system, particularly during microgrid formation or off-grid mode operation. To ensure your safety, please adhere to the following guidelines:

Do Not Touch Exposed Conductors:

- **High Voltage Risk:** During microgrid operation, battery terminals and system wiring may carry hazardous voltages.
- **Avoid Contact:** Never touch any exposed conductors or terminals, even if the system appears to be off.

Power Off Before Maintenance:

- **Safety First:** Before performing any maintenance or adjustments, ensure that all breakers are turned off to de-energize the system.
- **Qualified Personnel Only:** Only qualified technicians should work on the system.

Automatic and Manual Re-engagement:

- **Potential Hazards:** The system may automatically or manually re-engage to power critical loads during apparent downtime where the battery's state of charge (SOC) increases (e.g., from solar PV).

- **Exercise Caution:** Always assume that the system is energized and take appropriate safety precautions.

Emergency Procedures:

- **Know Your System:** Familiarize yourself with your system's emergency shutdown procedures.
- **Act Quickly:** In case of an emergency, implement the shutdown procedures immediately.

For Your Safety:

- **Professional Installation and Maintenance:** Ensure that your solar energy system is installed and maintained by qualified professionals.
- **Contact Support:** If you have any questions or concerns, please contact your installer or our technical support team.

By following these guidelines, you can help to minimize the risk of electrical shock and other injuries. Please be so kind as to pass these messages on to the end user.