



# Internal Bypass Switch

For Central AC Inverter Systems

## Internal Bypass Switch Operation:

**CAUTION:** *The Bypass Switch does not disconnect power from the System. Dangerous voltages still exist within the cabinet regardless of the position of the Bypass Switch.*

The Internal Bypass switch can be utilized to keep the load energized while the system is shut down due to malfunction or for maintenance purposes. When switching from **NORMAL** to **BYPASS** or **OFF** positions, the following steps must be followed in sequence. **Failure to do so will result in equipment damage:**



- 1) **Make sure AC input switch is in the ON position**
- 2) **Make sure the Emergency Power indicator is OFF**
- 3) **Turn “OFF” DC input switch**
- 4) **Slowly rotate the bypass switch from “Normal” to “Bypass”**
- 5) **Turn “OFF” the AC input switch**
- 6) **Turn “OFF” the Master switch**

**Note:** *Do not turn off any output circuit breakers as this action will turn the connected load off.*

If you wish to disconnect power to the connected load, simply rotate the Bypass Switch to the **OFF** position.

To return to **NORMAL** mode, please follow these steps:

- 1) **Turn on the master switch**
- 2) **Push up and hold the precharge switch and hold for 10 seconds**
- 3) **Turn on the DC input switch**
- 4) **Turn on the AC input switch**

Wait while the system goes through its start up routine. When the two green LEDs come on, and the amber “Inverter Power” LED is **off**, rotate the bypass switch from **BYPASS** to **NORMAL**.

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