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Alpha Power Supply Module Test: Regular Voltage

To make an Alpha Power Supply Module (regular voltage) come up with a "- -"on the display and 300 volts DC output across the buss:

- Kill power, let the charge lights go out, then check for a direct short between the top and bottom buss bars.
- If you have a direct short, disconnect modules until the short goes away.
- If you do not have a direct short, follow the steps below
- Be sure to measure the leg-to-leg ***and*** leg-to-ground voltage into the power supply module.

1. Supply 3-phase input into L1, L2, and L3 bottom of power supply (200-220V AC leg-to-leg & 100-110V AC leg-to-ground).
2. Supply 200 volts input into CX1A connector.
3. Jumper out the top and bottom pins of the three pins on the CX3/MCC *cable coming into the PSM.*
4. Jumper out the top two pins of the three pins on the CX4/ESP E-Stop *connector on the PSM.*
5. Have ***all*** screws on the DC buss installed and tight.

With these things done, you should have a "- -" on the display and 300 volts DC across the buss. If you do not, then replace the power supply.

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