



LV Systems – Quick Reference Guide and Startup Procedure

Service (610) 868-5400

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STEP 1) INSTALLING AC INPUT & AC OUTPUT WIRES:

(See wiring diagram on inside of cabinet cover or Refer to Manual 115072, Section 4)

NOTE: You must run the AC input service conductors and AC output conductors through separate conduits. Emergency output conductors and non-emergency output conductors must also be run through separate conduits. Emergency output circuits shall be installed in dedicated conduit systems and not shared with other electrical circuits as described in NEC 700-9(b). Branch circuits for Emergency Power or Lighting are restricted from being part of a multi wire branch circuit as described in NEC 700-19.

WARNING: Exceeding a 15-Amp feed circuit breaker can damage the system.

STEP 2) INSTALL and WIRE BATTERIES

(See wiring diagram on inside of cabinet cover or Refer to Manual 115072, Section 5)

STEP 3) STARTUP PROCEDURE (See Drawing on other side of this page)

- a) Circuit Breaker at the Building Service Panel is off to the system and the system Battery Fuse is not installed.
- b) Plug in the Voltage Select Connector (supplied in DC fuse bag) for desired AC Voltage.
- c) Turn on the input feed circuit breaker at the building service panel.
- d) Follow all safety precautions under Section 5 in Manual 115072; when installing the DC Battery Fuse a small spark may occur when the fuse is first installed; wear proper safety protective gear when installing fuse. If the fuse fails during installation then the batteries are not connected properly. Call service immediately.
- e) The system is now running. There should be an output voltage present to the load and the battery charging light should illuminate after a few minutes.

WARNING:

If the AC Input fuse is removed or blown greater than 48 hours, the DC fuse must be removed. Failure to do so could permanently damage the battery.

For additional information see Manual 115072, Section 6



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