



START-UP GUIDE

TSi Power Model Number: **Outdoor ILC-600B-8288**

Input voltage: 120 V Maximum input current: 5 A
Output voltage: 120 V Maximum output current: 5 A
Frequency: 60 Hz
Output power: 600 W



⚠ DANGER:
Make sure supply AC is de-energized before beginning.

⚠ CAUTION:
These instructions must be followed or failure will result.

Caution: No user serviceable parts.

Caution: Only a trained engineer, electrician or technician should perform this procedure.

Caution: For personnel safety, remove metallic watches and rings.
Always wear protective eye glasses, insulated gloves and insulated shoes.

IMPORTANT SAFETY INSTRUCTIONS: SAVE THESE INSTRUCTIONS –
This manual contains important instructions for Outdoor ILC-600B-8288 that should be followed during installation.

Should you have any questions or encounter problems during the power up procedure, contact TSi Power's technical support staff immediately (at numbers shown below).

USA or Canada (toll-free): 800-874-3160
International customers: +1-715-623-0636
Fax: +1-715-623-2426
E-mail: sales@tsipower.com
Factory address: 1103 West Pierce Avenue, Antigo, Wisconsin 54409, USA
Internet: www.tsipower.com

Hours of operation are from 8AM to 5PM (Central Standard Time), Monday through Friday
TSi Power will try to reply to E-mail (or fax) requests for technical support within 24 hours.

Tools and Test Equipment Required

- Small size Flat (or Slotted) screwdriver (3/16" or 4.5mm)
- #2 Phillips screwdriver
- Miscellaneous hand tools
- DMM (digital voltmeter)

Power-Up Procedure

1. Please inspect the unit for visible shipping damage (*such as damaged case, broken parts or loose wire*).
2. Connect AC input wires to the AC input terminal blocks. Recommended Tightening Torque: 7 in.-lb (0.79 Nm).

⚠ CAUTION: MAKE SURE AC INPUT WIRES ARE DE-ENERGIZED BEFORE MAKING CONNECTIONS.

⚠ WARNING: TO PREVENT DAMAGE DO NOT REVERSE INPUT AND OUTPUT.

Lin = Line input
Nin = Neutral Input
G = Earth Ground (or Protective Earth)

3. Energize (turn on) the AC input wires and turn on the power switch.
4. Make sure that the green status indicator LED turns on and remains on.
5. Measure the output voltage (using a Digital Voltmeter) across the output terminals. Verify that the unit is producing 120 V between Lout and Nout as specified on page 1.

Lout = Line Output
Nout = Neutral Output
G = Earth Ground (or Protective Earth)

6. Turn unit off and de-energize the AC input wires.
7. Wires from the load equipment (that needs to be powered & protected) can now be connected to the output terminals. (see step 5). Recommended Tightening Torque: 7 in.-lb (0.79 Nm).
8. Energize the AC input wires & turn on the power switch.
9. Verify that the load equipment is operating properly.
10. End

REVISIONS

Rev.	DATE	REASON FOR REVISION
0	April, 2018	Initial release