

SPECIFICATIONS

- Nominal AC Input** • 120V_{AC}, 60Hz.
- Nominal ILC Output** • 120 V_{AC}
• ILC-1000MED4: 1000W (8.3A) maximum.
• ILC-1400MED4: 1400W (11.7A) maximum.
- Surge let-through** • ANSI/IEEE C62.1991, Category B, Combination Wave, 6000V/3000A
• Line-Neutral: 250V
• Line-Ground: 250V
• Neutral-Ground: 0.5V
- Leakage Current** • Less than 300µA, hot/neutral to ground
- Efficiency** • 94 - 97%.
- Physical Dimensions** • ILC-1000MED4:
• 7.5" (191mm) wide, 5.25" (133mm) high, 9" (229mm) deep.
• ILC-1400MED4:
• 8.5" (216mm) wide, 6.8" (173mm) high, 9" (229mm) deep.
- Weight** • ILC-1000MED4: 30 lbs (13.6 kg)
• ILC-1400MED4: 50 lbs (22.7 kg)
- Environment** • Operating Temperature: 0°C to 40°C (32°F to 104°F).
• Relative Humidity: 90%, non-condensing at 25°C.
- Safety** • UL-2601 listed product
- Warranty** • Five years limited warranty, parts and labor.

Power Supply Cord Replacement Kit

Please contact TSi Power Technical Support if it becomes necessary to replace power supply cord. Order TSi part number WD00016-ASSY and HEYCO R-301 hand pliers, HEYCO part number 28. DO NOT ATTEMPT TO REPLACE CORD WITHOUT THE PROPER KIT, AS THE SAFETY OF THE UNIT MIGHT BE COMPROMISED.

LIMITED WARRANTY

TSi Power Corporation warrants this product to be free from defects in materials and workmanship for five (5) years from the date of purchase from TSi or its authorized representatives. TSi will repair (or at its option, replace) any defective component(s) during this warranty period.

To make a request or claim for service under this limited warranty, the original purchaser must return the product, in the original shipping container or equivalent, to TSi or its authorized distributor, accompanied by a written receipt showing the date of purchase, dealer's name, and both the model name and serial number of the product.

Warranty does not cover transportation costs. Damage by misuse, accident or unauthorized tampering of the product is not covered by the warranty. NO OTHER WARRANTIES ARE EXPRESSED OR IMPLIED. TSi IS NOT LIABLE FOR CONSEQUENTIAL DAMAGES. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

LIMITATION OF LIABILITY

IN NO EVENT SHALL TSi POWER CORPORATION OR ITS SUPPLIERS BE LIABLE FOR ANY DAMAGES WHATSOEVER (INCLUDING WITHOUT LIMITATION, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, LOSS OF BUSINESS INFORMATION, OR OTHER PECUNIARY LOSS) ARISING OUT OF THE USE OR INABILITY TO USE THIS PRODUCT, EVEN IF TSi HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SOME STATES DO NOT ALLOW THE LIMITATION OR EXCLUSION OF LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

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TSi Power

ILC MED Series Operating Instructions

ILC-1000MED4
ILC-1400MED4



Hospital Grade Isolating Line Conditioner

IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS

This manual contains important information for models ILC-1000-MED4 and ILC-1400MED4 that should be followed during installation and maintenance of the Line Conditioner.

Maximum Operating Ambient Temperature for the Line Conditioner is 40 degrees Celsius.

For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.

Introduction

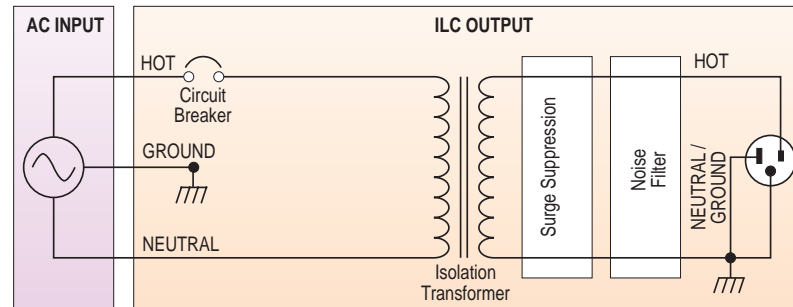
Your TSi Power ILC Isolating Filters with Surge Protection are designed to protect your sensitive electronic equipment from harsh commercial electrical environments. They provide true isolation, heavy-duty surge suppression and advanced interference filtering to ensure that every trace of spikes, surges, transients, interference and electrical noise that can harm your equipment is eliminated.

Designed for MEDICAL EQUIPMENT used in hospital environments the ILC-1000/1400MED4 line conditioners reduce dangerous leakage currents to safe levels, and are listed to UL-2601. The ILC-MED Series will provide enhanced operation, extend operating life and reduce maintenance costs, service costs and down time, while increasing safety.

WARNING

The ILC-1000/1400MED4 units are designed for use in USA and Canada only. DO NOT USE IN OTHER COUNTRIES WITHOUT CONSULTING WITH FACTORY.

Diagram of ILC Series' Advanced Protection



Operating Instructions

1. Place the ILC unit in a well-ventilated area, near a grounded (3-pronged) 120V hospital grade receptacle that is easily accessible—see Caution. *Do not connect anything yet to the outlets on the ILC.* When you plug in the ILC's power cord into the outlet, power will be available at the outlets in the rear of the unit.
2. Plug in the equipment you want protected by the ILC into the AC outlets in the rear of the ILC. Make sure that your equipment is initially turned off, and that you don't exceed the maximum power rating of your ILC model.
3. Turn on your equipment one at a time. If you have exceeded the maximum power rating of your ILC-MED, the rear circuit breaker will open after a short period of time. In such a case, reduce the load to your ILC and reset the circuit breaker. *Note: It may take about 30 seconds for the thermal circuit breaker to cool and become resettable.*
4. To turn off the ILC, simply press the On/Off switch.

CAUTION

Grounding reliability can only be achieved, when the plug attached to this cord is plugged in to a receptacle marked: "Hospital Only" or "Hospital Grade." Most such receptacles are marked with a green dot.

Rear Panel



Cleaning Instructions

To prevent over heating and reduced performance the ILC-MED unit should be cleaned when dust and/or residue build-up is observed.

Tools required: Vacuum cleaner, isopropyl alcohol (70%) and a soft cloth or paper towel.

Procedure

1. Turn unit off, remove plug from outlet, remove plugs from back. Allow several hours to let unit cool down.
2. **WARNING!** Do not attempt to clean inside of unit.
3. Use vacuum cleaner with appropriate attachment (see vacuum cleaner manufacturer's manual) to suck up all dust and residue from case and cover.
4. Use isopropyl alcohol and soft cloth to remove all dust and residue from case and cover.
5. Allow several minutes for all parts to dry.
6. Do not inhale isopropyl alcohol. Safely discard used soft cloth or paper towel.