.500 kVA Outdoor Rated Transformer
Input 120/240 volts on 50/60Hz - 24 Volt Output - Weatherproof
Instruction Manual

Do not attempt operation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet. Read carefully before operating. Retain these instructions for future reference.

WARNING:

- USER SHOULD BE TRAINED IN THE PROPER USE AND MAINTENANCE OF THIS DEVICE.
- IMPROPER USE OF THIS DEVICE, ASSOCIATED PLUG, RECEPTACLE, AND CORD CAN LEAD TO SERIOUS INJURIES OR DEATH TO PERSONNEL.
- PERIODIC INSPECTION OF THE OUTPUT LEADS AND CORD IS NECESSARY.
- THE CORD MUST BE ROUTINELY CHECKED FOR CUTS, BREAKS, OR ANY SEVERE ABRASIONS, AND IF ANY ARE FOUND, THE CORD MUST BE REPLACED BEFORE RESUMING USE OF THE UNIT.
- ELECTRICAL POWER SUPPLY MUST BE DISCONNECTED BEFORE AND DURING ANY MAINTENANCE.
- IF ANY PARTS OF THE RECEPTACLE OR PLUG APPEAR TO BE MISSING, BROKEN, OR SHOW SIGNS OR DAMAGE, DISCONTINUE USE IMMEDIATELY. REPLACE WITH THE PROPER REPLACEMENT PART(S) BEFORE CONTINUING SERVICE.

The Larson Electronics TX-500-120-240-50-60 500kva power transformer converts 110-120 or 220-240 VAC at 50/60hz to 12 or 24 VDC and is ideal for powering 12 or 24 volt based lights and equipment.

OPERATION

This portable transformer comes preconfigured in selected Input & Output Voltage. ***Check product nameplate to verify proper voltages before use.***

1. Position transformer near equipment to be powered. Enclosure is surface mountable with mounting tabs on back.
2. Check supply power is **OFF** before connecting transformer. Connect input power wiring per wiring diagram.
3. If cord cap is installed, run LINE cable to compatible receptacle outputting correct voltage and plug in.

WARNING: *Make sure conductors are not touching before plugging in!*

4. See warning below. Available output voltages vary from 12 or 24 VDC depending on model chosen. Complete wiring connections to equipment to be powered per wiring diagram.
5. Restore supply power to enable power to attached device(s).

WARNING: *This unit comes preconfigured to the input and output voltage specified upon purchase. Double check product label for correct voltage(s) before operating!*

MAINTENANCE:

Electrical and mechanical inspection of all components must be performed on a regularly scheduled basic, determined by the environment and frequency of use. It is recommended that inspection be performed a minimum of once a year.

WARNING: ELECTRICAL POWER SUPPLY MUST BE “OFF” BEFORE AND DURING MAINTENANCE. ANY MAINTENANCE PROCEDURE MUST BE PERFORMED BY A TRAINED AND COMPETENT ELECTRICIAN.

During the inspections, perform the following steps:

1. Inspect all contact wire terminals for tightness. Discoloration due to excessive heat is an indicator of a possible problem and should be thoroughly investigated and repaired as necessary.
2. Inspect contacts for signs of wear and replace if necessary.
3. Clean exterior surfaces making sure nameplates remain legible.
4. Check tightness of all screws before using.

If any part of the device appears to be missing, broken, or shows signs of damage—discontinue use immediately! Repair with the proper replacement part(s) before continuing service.

USE AND CARE

Unauthorized modification may impair the function and/or safety of the transformer and could affect the life of the equipment. Inspect for good working condition prior to storage and before re-use.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-877-348-9680 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.