Temporary Transformer
1000 VA - Converts 480V AC to 120V AC - (1) 20A GFCI Duplex Outlet
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 RECEPTACLE 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 “OFF” 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 TX-1000VA-480.120-1XAO temporary portable step-down transformer from Larson Electronics is built to provide operators with a reliable means to step down commonly found 480V AC to 120V AC while also providing the versatility of allowing operation of standard voltage equipment. This compact power distribution transformer is designed for portability and convenience as well as durability and includes an integral carrying handle, elevated base platform for protection from standing water, and weatherproof construction that withstands direct water spray and wetness when the self-sealing and weatherproof outlet covers are closed.

OPERATION

This portable transformer comes preconfigured in primary and secondary voltages listed on nameplate. Check product label to verify proper voltages.

1. Position transformer near equipment to be powered.
2. Run LINE cable to compatible receptacle outputting **VOLTAGE ON NAMEPLATE.**
   Primary voltage: 480V AC. Line-In Cord Cap: L8-20P
3. Attach equipment to receptacle. Secondary Voltage: 120V AC

(1) 120V 20A 5-20R Duplex receptacle is available for powering equipment.

Follow the steps below for twist lock operation. Electrical connection between it and plug is accomplished after plug fully inserts into receptacle and rotated clockwise.

1. Lift receptacle door and locate polarization on mating plug pin and receptacle face. Insert plug straight all the way into receptacle until it cannot go further.
2. Rotate plug clockwise. This closes internal contacts and completes the circuit. This also mechanically locks plug into receptacle so it cannot be pulled out.
3. To remove plug, turn counter-clockwise, pull plug straight out.

A top located cord management system allows operators to roll up line-in cord when not in use, and roll up the extra slack in the power cable during use.

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.

WARNING: 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.

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 plug appears to be missing, broken, or show signs of damage—discontinue use immediately! This condition could cause serious or fatal personal injury due to electrocution and/or equipment damage. 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. Always check damaged or worn out parts before using the unit. When extension cord is not in use, store it in a secure place. Inspect for good working condition prior to storage and before re-use.

Should further information not covered by these instructions be required, please contact Larson Electronics at 1-800-369-6671 or sales@larsonelectronics.com for further assistance.

Please visit LarsonElectronics.com for **Warranty** and **Return** information.