Larson Electronics LLC
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TX-500

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

Product ID: 47093



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

TX-500 Power Transformer

Line-In Cord: 5' 16/3 SOOW
Cord Cap: 5-15, 6-15, L5-15, L6-15, BS1363, Schuko, or Pigtail
Primary Voltage: 120V or 240V AC 50/60Hz
KVA: .500
Secondary Voltage: 12V or 24V DC
Line-Out Cord: 10' SOOW
Line-Out Termination: Blunt cut end
Efficiency: 83%
Ambient Temperature: 20°C to +60°C
Dimensions: 10"H x 6"W x 6"D
Mounting: Surface Mount

All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

Ratings/Approvals

NEMA 3R
Overvoltage Protection
Overload Protection
Over Temperature Protection
Made in the USA

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

Made in the USA

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

This .500kva, coil based power transformer accepts 120-240 VAC electrical current and provides 12 volts at 41 amps or 24 volts at 20 amps via a 1 foot SOOW cord depending upon the chosen configuration. The transformer in this unit is encased within a weatherproof NEMA 3R rated enclosure and produces minimal interference with the wireless radio receivers often found in remote controlled

lighting equipment such as Golight wireless remote controlled spotlights. The primary input on this unit accepts either 120 or 240 VAC at 50/60 Hz depending upon configuration, and is connected through a 5 foot SOOW cord. Output from this unit delivers 12 Volts at 41 amps or 24 Volts at 20 amps DC depending upon the unit's configuration. This unit is preconfigured for specific current input and output before shipping. Please select your desired current voltages from the drop down boxes below when ordering.

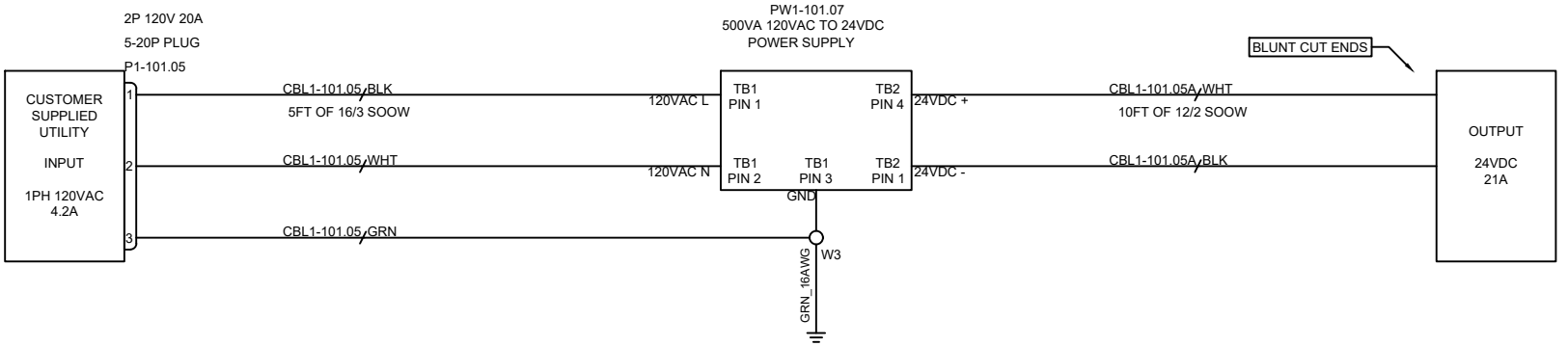
Some power transformers produce significant radio frequency interference which can cause erratic operation of radio controlled devices. This NEMA 3R encapsulated transformer is ideal for use with wireless remote controlled Golight models GL-3049H, RCL360HID and any other equipment that relies on radio receivers for remote operation when mounted 2 feet or more from such equipment. This heavy duty unit measures 10" tall x 6" wide x 6" deep, is surface mountable, and provides a reliable and low interference low voltage power solution for equipment requiring 12 or 24 VDC.

Larson Electronics.com can build transformers to your specifications. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com.

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	07-10-2023

TX-500-120V.5.20P-24VDC

LARSON ELECTRONICS®



TAGS	QTY	CATALOG	DESCRIPTION
P1-101.05	1	UNV00005944	120V 20A 5-20P STRAIGHT BLADE
PW1-101.07	1		500W POWER SUPPLY 85-264VAC 4.2A TO 24VDC 21A
W3	1	UNV00011954	3 HOLE WAGO
CBL1-101.05A	10FT	UNV00016497	12/2 SOOW CABLE
CBL1-101.05	5FT	UNV00007524	16/3 SOOW CABLE

LARSON ELECTRONICS
9419 E US HWY 175,
KEMP, TX 75143

TITLE: TX-500-120V.5.20P-24VDC

DRAWN BY	DATE	REV
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Frequently Asked Questions (FAQ)