Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

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Email: sales@LarsonElectronics.com
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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**

**Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).**



**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.

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# Frequently Asked Questions (FAQ)

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**TX-500**

**Product ID: 47093**

**Harmonized System (HS) Code:** 8504.21.0040
**Export Control Classification Number (ECCN):** EAR99

**Options:**

**TX-500-Input Voltage-Output Voltage**

**Example: TX-500-120V.5.15P-12VDC**

| Input Voltage | |
|---|---|
| 120V 5-15P | -120V.5.15P |
| 120V 5-20P | -120V.5.20P |
| 240V 6-15P | -240V.6.15P |
| 240V 6-20P | -240V.6.20P |
| 120V L5-15P | -120V.L5.15P |
| 120V L5-20P | -120V.L.20P |
| 240V L6-15P | -240V.L6.15P |
| 240V L6-20P | -240V.L6.20P |
| 240V BS1360 | -240V.BS1360 |
| 240V SCHUKO | -240V.Schuko |
| 120V PIGTAIL | -120V.Pigtail |
| 240V PIGTAIL | -240V.Pigtail |

| Output Voltage | |
|---|---|
| 12V | -12VDC |
| 24V | -24VDC |

Links (Click on the below items to view):

- **Operations Manual**
- **Wiring Diagram**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**