

MODEL#: **TPX100, TPX100S, TPX300, TPX300S, TPX600, TPX600S**

DESCRIPTION:	LOW VOLTAGE POOL/SPA TRANSFORMERS FOR POOL/FOUNTAIN/OUTDOOR LIGHTING
ELECTRICAL RATINGS:	TPX100/TPX100S    INPUT: 120VAC, OUTPUT: 100W, 12V, 13V TPX300/TPX300S    INPUT: 120VAC, OUTPUT: 300W, 12V, 13V, 14V TPX600/TPX600S    INPUT: 120VAC, OUTPUT: (2) 300W outputs, 12V, 13V, 14V

**! IMPORTANT SAFETY INSTRUCTIONS ! SAVE THESE INSTRUCTIONS**

ATTENTION: Read carefully before attempting to install this transformer. Refer to unit inside label for wiring example. Failure to comply with instructions could result in personal injury and/or property damage!

1. Read and follow all instructions.
2. Do not sumberge transformer.
3. Do not connect two or more transformers in parallel or use with dimmers.
4. This transformer must be installed by a qualified electrician in accordance with the National Electrical Code (including article 680) or Canadian Electrical Code (including section 68) and local code requirements. For Canadian installations, supply circuit must be protected by a ground fault circuit interruptor.
5. If transformer is used for direct connection of underwater lights, refer to NEC 680.23, 680.24 or CEC 68-060, 062 & 066 for further details.
6. Do not install this equipment within 5 feet (Canada: 3 meters) of any body of water. USE COPPER CONDUCTORS ONLY.
7. Do not exceed the maximum ratings of individual components, wiring devices and current carrying capacity of conductors.
8. For grounding and bonding this transformer & the installation, refer to NEC section 680 or CEC section 68.
9. Not for use in dwelling units.
10. For outdoor use only.
11. Mount brackets and hardware supplied for installation.

### ⚠ WARNING

**PREVENT ELECTROCUTION : ÉVITEZ L'ÉLECTROCUTION**

DISCONNECT ALL SUPPLY CONNECTIONS BEFORE SERVICING.  
DÉBRANCHEZ L'ALIMENTATION ÉLECTRIQUE AVANT DE PROCÉDER À L'ENTRETIEN OU À UNE RÉPARATION.

## INSTALLATION AND INFORMATION

The TPX series Transformers are specifically designed to supply 12 volts to outdoor garden lights, pool/spa lights and submersible fixtures. They include a ground shield between the primary and secondary windings to ensure safe operation and the built-in circuit protection will disconnect power to the transformer in case of defect or overload. These transformers are suitable for direct connection to underwater Pool and Spa lights. The enclosure of the transformer must be provided with a fail-proof ground as required by NEC Article 680 and any applicable local codes. For Canadian installations, the supply circuit must be protected by a ground fault circuit interruptor.

The transformer should be mounted at least 1 foot above the deck level with the field wiring compartment down. Make sure that all unused tops/leads are separately insulated. **Use the following tables as a guide to determine correct wire size:**

Wattage	12 VOLT TERMINAL					13 VOLT TERMINAL					14 VOLT TERMINAL				
	14Ga.	12Ga.	10Ga.	8Ga.	6Ga.	14Ga.	12Ga.	10Ga.	8Ga.	6Ga.	14Ga.	12Ga.	10Ga.	8Ga.	6Ga.
50-100	8'	12'	20'	31'	49'	32'	50'	82'	125'	195'	53'	83'	136'	207'	324'
100-149	6'	9'	15'	23'	36'	25'	39'	65'	98'	153'	42'	65'	107'	163'	254'
150-199	N/A	7'	12'	18'	27'	N/A	30'	49'	73'	115'	32'	49'	80'	122'	191'
200-249	N/A	N/A	9'	14'	21'	N/A	24'	39'	60'	93'	N/A	39'	64'	98'	152'
250-300	N/A	N/A	8'	12'	18'	N/A	N/A	32'	49'	77'	N/A	N/A	57'	87'	136'

MODEL:	DESCRIPTION:	DIMENSIONS: H x W x D	KNOCKOUTS:
<b>TPX100</b>	Gray Steel	7.2 x 5.1 x 4.2 in.	All models have multiple 1/2" and 3/4" combo KO's located on bottom, sides of enclosure.
<b>TPX100S</b>	Stainless Steel		
<b>TPX300</b>	Gray Steel		
<b>TPX300S</b>	Stainless Steel		
<b>TPX600</b>	Gray Steel	10.4 x 7.3 x 4.2 in.	
<b>TPX600S</b>	Stainless Steel		

ONE YEAR LIMITED WARRANTY: If this product fails because of a manufacturing defect within one year after purchase, we will, at our option, either repair or replace it at no charge. Our warranty does not cover damage caused by accident, abuse or misuse. We assume no further liability with respect to the sale or use of this product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTY OF MERCHANTABILITY. We make no warranty with respect to the fitness of any goods for the users particular application. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

It is our intent to provide accurate and current specification information. However, in the interest of product improvement, TORK may alter the specifications or constructional details without prior notice.