

480, 900 & 1350 VA quasi-square wave network non-standby power supplies

TXNS-PS series

technetix

Technetix' TXNS-PS series of non-standby, quasi-square wave power supplies are rugged, reliable and efficient. They have been designed to withstand the harshest environmental conditions. These power supplies provide fully regulated, clean, reliable quasi-square wave Hybrid Fiber Coaxial (HFC) power using traditional constant voltage ferroresonant technology - all at an affordable price.

FEATURES

- Constant voltage ferroresonant transformer
- Fully regulated, clean and reliable output AC power
- 480, 900 and 1350 VA output power models
- Input power factor >0.90 at full load
- Input and output protection
- Current limited output and short circuit protection
- Automatic restart upon removal of short or overload
- 60 Hz and 50 Hz models available
 - 60 Hz models:
Field-selectable 120 or 240 VAC 60 Hz input with 63 or 89 VAC output voltage
 - 50 Hz models:
International models with 230 VAC 50 Hz input with field-selectable 63 or 89 VAC output voltage
European models with 230 VAC 50 Hz input with 63 VAC output voltage
- 5/8"-24 coaxial female output connection
- Durable, external, "Output Power On" LED
- Powder coated enclosure with lockable front cover for outdoor applications
- Pole and wall mount installations



TXNS-PS
(front angled view)



TXNS-PS
(open view)

480, 900 & 1350 VA quasi-square wave network non-standby power supplies

TXNS-PS series

technetix

SPECIFICATIONS

Parameter		Specification
Input		
Input Voltage		120/240 VRMS 60 Hz selectable $\pm 15\%$ International & European models: 230 VRMS 50 Hz -20% / $+15\%$
Power Factor		>0.90 at full load
Output		
Output Waveform		Quasi-square
Output Voltage		63/89 VRMS selectable European models: 63 VRMS only
Output Voltage Regulation	63 VRMS	-10% to $+5\%$
	89 VRMS	$\pm 5\%$
Maximum Rated Output Current	480 VA model	8 A @ 63 VRMS / 5.3 A @ 89 VRMS
	900 VA model	15 A @ 63 VRMS / 10 A @ 89 VRMS
	1350 VA model	22.5 A @ 63 VRMS / 15 A @ 89 VRMS
Protection		Current limited
Over Current Limiting		150% of max. current rating
Efficiency		$\geq 84\%$ @ 100% load
Environmental & Physical		
Operating Temperature		-40°C to $+60^{\circ}\text{C}$ (-40°F to $+140^{\circ}\text{F}$) - all models -40°C to $+65^{\circ}\text{C}$ (-40°F to $+149^{\circ}\text{F}$) @ 80% full load - 900 VA models only
Operating Humidity		0-95% non-condensing
Input Connection		Terminal block (3-pin)
Output Connections		5/8"-24 female hardline port
Material		Aluminum
Finish		Beige powder coating
Dimensions (H x W x D)		13.8"H x 8.5"W x 7.5"D (35.1H x 21.6W x 19.1D cm)
Weight	480 VA model	60 Hz models: 26.5 lb (12.0 kg); 50 Hz models: 26.5 lb (12.0 kg)
	900 VA model	60 Hz models: 39.7 lb (18.0 kg); 50 Hz models: 35.3 lb (16.0 kg)
	1350 VA model	60 Hz models: 48.5 lb (22.0 kg); 50 Hz models: 39.7 lb (18.0 kg)
Certifications		Standards
Europe	LVD	EN 62368-1: 2014 +A11
	EMC	EN 55032, EN 55035. Also including as reference: EN61000-3-2:2014, EN 61000-3-3:2013, EN 61000-4-2:2009, EN 61000-4-3:2006 +A1:2008 + A2:2010, EN61000-4-4:2012, EN 61000-4-5:2014 +A1:2017, EN61000-4-6:2014, EN 61000-4-8:2010, EN 61000-4-11:2004 +A1:2017
	RoHS	RoHS3, Directive 2015/863 (EU)
North America	cTUVus	UL 62368-1: 2019 R10.21 CSA C22.2 NO.62368-1-19
	FCC	FCC PART 15b
	TSCA	Toxic Substances Control Act (TSCA)
	RoHS (supplementary)	RoHS3, Directive 2015/863 (EU)

TXNS-PS ENCLOSURE

Pole & Wall Mount Enclosure

The enclosure is constructed of durable, weather-resistant, powder coated aluminum for outdoor applications. It is able to withstand the harshest environments.

The installation kit is offered as a standard feature. The unit can be easily mounted on a flat or vertical surface, or on a wooden/ concrete pole.



480, 900 & 1350 VA quasi-square wave network non-standby power supplies

TXNS-PS series



ORDERING INFORMATION

Item Code	Model Code	Description
19200941	TXNS-PS6090-8A-L	Non-standby power supply with 120 or 220 VRMS 60 Hz input & 63 or 89 VRMS 480 VA output
TBD	TXNS-PS6090-8A-L220	Non-standby power supply with 220 VRMS 50 Hz input & 63 or 89 VRMS 480 VA output
19200939	TXNS-PS60-8A-L220	Non-standby power supply with 220 VRMS 50 Hz input & 63 VRMS 480 VA output
19200940	TXNS-PS6090-15A-L	Non-standby power supply with 120 or 220 VRMS 60 Hz input & 63 or 89 VRMS 900 VA output
TBD	TXNS-PS6090-15A-L220	Non-standby power supply with 220 VRMS 50 Hz input & 63 or 89 VRMS 900 VA output
19200937	TXNS-PS60-15A-L220	Non-standby power supply with 220 VRMS 50 Hz input & 63 VRMS 900 VA output
19200942	TXNS-PS9060-15A-L	Non-standby power supply with 120 or 220 VRMS 60 Hz input & 63 or 89 VRMS 1350 VA output
19200943	TXNS-PS9060-15A-L220	Non-standby power supply with 220 VRMS 50 Hz input & 63 or 89 VRMS 1350 VA output
19204398	TXNS-PS60-22A-L220	Non-standby power supply with 220 VRMS 50 Hz input & 63 VRMS 1350 VA output

Technetix Group Limited

e: sales@technetix.com **w:** technetix.com

09/2025 - EN/V5

© Copyright 2025 Technetix Group Limited. All rights reserved.

This document is for information only. Features and specifications are subject to change without notice. Technetix, the Technetix logo, Technetix Ingress Safe® and certain other marks and logos are trade marks or registered trade marks of Technetix Group Limited in the UK and certain other countries. Other brand and company names are trade marks of their respective owners. Technetix protects its technology and designs by registering patents, trade marks and designs in Europe and certain other countries.