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

LBNS-PS series

Technetix' LBNS-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.

LBNS-PS
(front angled view)

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

LBNS-PS
(open view)

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SPECIFICATIONS

Parameter		Specification
Input		
Input Voltage		120/240 VRMS 60 Hz selectable ±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	±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		≥90%
Environmental & Physical		
Operating Temperature		-40°C to +55°C (-40°F to +131°F)
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)

LBNS-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.

ORDERING INFORMATION

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

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