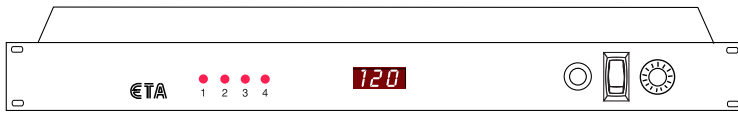
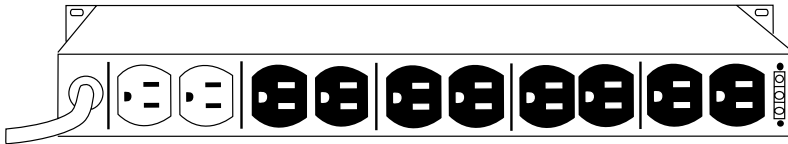


# CONDITIONED POWER DISTRIBUTION AC LINE REGULATION / SEQUENTIAL



PD 10VRS



BACK  
PANEL

## Why You Need Conditioned, Regulated Power:

ETA's AC Line Regulator Models are designed to resolve AC line voltage irregularities by providing clean, stabilized, conditioned power to all sensitive electronic audio and video equipment with spike, surge protection and RFI/EMI filtration.

A microcomputer controls incoming AC power, outgoing load (amps) requirements and all operational functions. This sophisticated system monitors all electrical conditions and computes performance for every power cycle. The microcomputer activates necessary changes or adjustments once information is analyzed and processed. The microcomputer is particularly sensitive to power fluctuations which may require complete shutdown as well as monitoring momentary transients. This is specifically valuable when electronic gear with switching power sources is being supplied. Moreover, the microcomputer provides the regulated output voltage at the zero voltage crossing point in the AC waveform. Thus reducing the introduction of additional transients to the AC line.

Field-service features are: a quick field diagnostic test, the ability to adjust or calibrate voltage readings, sequential settings, and the density of the message display.

## ETA QUALITY STANDARD FEATURES:

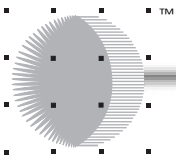
- Incoming power spike and surge protection and noise filtration on all three legs of incoming power
- One rack space high
- Three year limited warranty
- Crown IQ System Interface available

## PD10VRS SPECIAL FEATURES:

- AC line voltage regulator provides clean, stabilized, conditioned power
- Microprocessor controlled system
- Intelligent digital message display
- 20 amp input - breaker protected
- 80-150V regulated range (117+/-3V nominal)
- Voltage adjustments at zero-crossing point
- EMI/RFI 2-stage filtration
- Spike and surge protection
- 4 power up/down adjustable sequential distribution circuits
- True RMS conversion circuit
- Full 120 volt, 15 amp, 1800 watt output
- 12-gauge, 3-prong, 6-foot power cord, 20-amp capacity
- 10 U-grounded conditioned AC power outlets: 2 are "always on" and 8 are sequenced
- Field adjustable voltage calibration and display intensity
- Fast-acting 15 amp fuse protects against output overload
- 20 amp toroidal autotransformer ensures 15 amp output
- Remote turn on/off access
- Automatic restart re-establishes AC power and nominal operation following high or low voltage shut down

### PD10VRS SPECIFICATIONS:

Dimensions	19" L x 12" D x 1 3/4" H
Weight	25 lbs.
Housing Quality	Black powder coated chassis, anodized black aluminum front panel
Electrical	120V, 50/60 Hz single phase
Max. amps	20/unit input
Max. watts	2400/unit input
Voltmeter accuracy	±2V AC
Spike protection	Line to neutral, neutral to ground, line to ground
Clamping voltage	395V peak
Response time	1 nanosecond
Max. avg. power	0.15-1.0W
VAC volts RMS	150V
VCD volts	200V
Varistor peak voltage	212-259V
Energy	240 joules
Peak current (8x20 US)	6500A
Typ. capacitance	2000pF
Noise attenuation	Transverse > 20 dB, 1.5 kHz to 200 MHz



ETA<sup>®</sup> SYSTEMS

All designs and specifications are subject to change without notice.

5FP-059-LIT 5/01

*The Power Just Keeps On Coming*

1532 Enterprise Pkwy, Twinsburg, Ohio 44087 USA • 800-321-6699 • Fax: 330-425-9700 • www.etasys.com