ETA SYSTEMS™
Leading by Design.™

HYBRID POWER STATION

Power Quality for Digital/Analog AV Systems

The Hybrid Power Station from ETA Systems is the long sought solution for the power protection needs of AV systems using a combination of analog and digital components. The Hybrid Power Station has two sections – one providing high performance surge diversion and noise filtration for analog devices and a second section with transformer isolated power conditioning for digital devices. At long last, it's finally possible to meet the combined power conditioning needs of integrated AV systems in a single, compact, convenient power protection solution.

FEATURES:

- 5 amps of transformer isolated, conditioned power for digital AV devices such as mixers, editing workstations, DSPs, etc.
- 10 or 15 amps (depending on model) of high performance surge diversion and noise filtration for analog devices like pre-amplifiers and amplifiers
- Two NEMA 5-15R (Edison) receptacles for digital components (conditioned section)
- 14 NEMA 5-15R (Edison) receptacles (2 on front panel) for analog components (surge/filtered section)
- Full "watchdog"LED indicators to monitor status of protection and AC wiring and grounding
- Each section with individual circuit breakers
- Requires single 15 amp or 20 circuit (depending on model)
- Optional true RMS voltage meter
- 8 foot input power cord
- UL listed
- RoHS compliant
- 5 year warranty

SPECIFICATIONS:

Electrical

Models Available:	PDI-1800NA (15 amps) PDI-2400NA (20 amps)
Operating Voltage:	120 volts, 60 Hz.
Power Rating:	PDI-1800NA - 15 amps total (10 amps surge/filtered and 5 amps transformer conditioned PDI-2400NA - 20 amps total (15 amps surge/filtered and 5 amps transformer conditioned

Physical

Height -- 2U (3.5")
Width -- Mounts in standard 19" equipment rack
Depth -- 12.25"
Weight -- 30 lbs
Finish -- Black brushed aluminum front panel with black steel enclosure

PROTECTION PERFORMANCE:

With the unit tested under power and injected with an ANSI/IEEE C62.41Cat. A pulse applied either normal or common mode at the input, the let-through voltages will be:

Filtered Section: less than 330 volts H-N, H-G, N-G
Isolated/Conditioned Section: less than 10V normal mode and less than 0.5V common mode in all four quadrants (CM-NM, NM-NM, CM-CM, NM-CM)

Surge Voltage/Withstand Capability: Tested under power to ANSI/IEEE C62.41 Cat. A & B (formerly IEEE587-1980). Cat. A - 6000V @ 200 amps, 0.5 usec risetime, 100 kHZ decay, Cat. B - 6000V @ 500 amps, 0.5 usec risetime, 100 kHZ decay.

1450 Lakeside Drive Waukegan, IL 60085
Phone: (800) 321-6699 - (330) 677-4424 Fax: (330) 677-4471
www.etasys.com