

PROFESSIONAL POWER SOLUTIONS FROM ETA SYSTEMS

HIGH PERFORMANCE POWER CONDITIONERS



ETA's power conditioner includes 24 models for North American and international use

There's nothing worse for an audio or video professional than the unnecessary expense of studio downtime, the cost of equipment damage that's caused by power quality problems, or the frustration that accompanies creative disruptions. Power line surges and lightning strikes can easily destroy expensive audio and video gear. Electrical noise infiltrates power lines and deteriorates system performance. Common mode voltage upsets microprocessor based systems leading to lockups and unreliable performance. And the bad news is that simple surge protectors and noise filters often are not sufficient to protect today's digital technology.

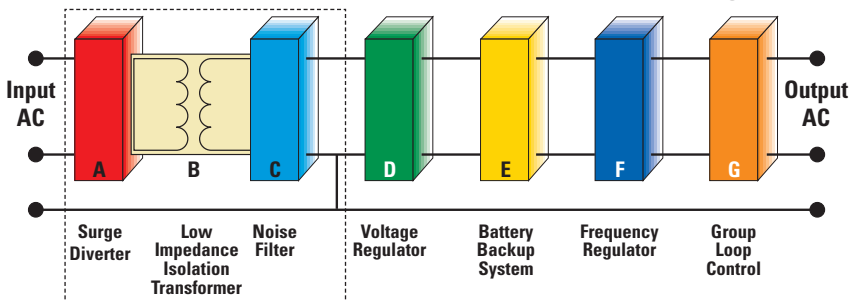
ETA power conditioners work fulltime to prevent an array of power quality problems. They are designed for use with today's highly sophisticated digital technology. Why? Because they incorporate a low impedance isolation transformer, a surge diverter and a noise filter – the most critical parts of an effective power quality solution - as part of their proven design. Whether it's a surge of thousands of volts or only a few volts of power line noise, ETA power conditioners are completely effective at protecting your system from destruction, degradation, and disruption.

Add in ETA's industry leading warranty of 5 years, and you have a perfect solution for your mission critical audio and video applications. No more downtime, no more lost creative hours, no more expensive hardware repairs. Count on ETA Systems to have the solution.

FEATURES

- ⦿ 15 North American models from 78VA to 2.4 kVA
- ⦿ 9 international models from 150VA to 2.5 kVA
- ⦿ Low impedance isolation transformer
- ⦿ High energy surge diverter
- ⦿ Power line noise filter
- ⦿ Metal enclosure prevents radiated magnetic fields
- ⦿ Front panel LED indicators for "power on" and "missing safety ground"
- ⦿ Full safety agency listings (international models carry the CE mark)

The ABC's of Power Conditioning



ETA SYSTEMS

POWER CONDITIONER SPECIFICATIONS

MODELS

	Input/Output Voltage (VAC)	Load Current (Amps)	Load Power (VA)	Input Plug	Output Receptacles	Inrush Current* (Amps)	Load Surge Current (Amps) 1/2 Cycle 1 Sec. 10 Sec.	Frequency (Hz)	Efficiency (%)	Case Size**	Shipping Weight
North American											
PCI-065NA	120	.65	78	NEMA 5-15P	2 NEMA 5-15R	25	10 3.6 2	60	90	A	5 (lbs.)
PCI-100NA	120	1	120	NEMA 5-15P	2 NEMA 5-15R	40	15 5.2 3	60	90	A	6
PCI-152NA	120	1.5	180	NEMA 5-15P	4 NEMA 5-15R	70	28 10 4.5	60	90	B	8
PCI-202NA	120	2	240	NEMA 5-15P	4 NEMA 5-15R	105	38 14 6	60	90	B	9
PCI-302NA	120	3	360	NEMA 5-15P	4 NEMA 5-15R	105	82 28 10	60	90	B	11
PCI-402NA	120	4	480	NEMA 5-15P	4 NEMA 5-15R	135	125 60 17	60	93	B	12
PCI-400NA	120	4	480	NEMA 5-15P	6 NEMA 5-15R	135	125 60 17	60	93	C	16
PCI-500NA	120	5	600	NEMA 5-15P	6 NEMA 5-15R	135	175 84 24	60	94	C	18
PCI-600NA	120	6	720	NEMA 5-15P	6 NEMA 5-15R	135	215 102 30	60	94	C	20
PCI-700NA	120	7	840	NEMA 5-15P	6 NEMA 5-15R	135	237 114 33	60	95	C	22
PCI-830NA	120	8.3	1000	NEMA 5-15P	6 NEMA 5-15R	135	325 156 45	60	95	D	34
PCI-1000NA	120	10	1200	NEMA 5-15P	6 NEMA 5-15R	135	375 180 52	60	95	D	38
PCI-1200NA	120	12	1440	NEMA 5-15P	6 NEMA 5-15R	135	400 192 55	60	95	D	43
PCI-1600NA	120	16	1920	NEMA 5-20P	6 NEMA 5-20R	135	500 240 70	60	96	D	52
PCI-2000NA	120	20	2400	NEMA L5-30P	6 NEMA 5-20R	135	500 240 70	60	96	D	63
International											
PCI-150INT	200-264	.65	150	IEC Inlet Module	2 IEC 320	25	55 20 4	50/60	93	B	5 (kgs)
PCI-250INT	200-264	1.09	250	IEC Inlet Module	3 IEC 320	40	62 34 8	50/60	93	B	5
PCI-500INT	200-264	2.08	500	IEC Inlet Module	6 IEC 320	105	100 48 14	50/60	95	C	9
PCI-750INT	200-264	3.12	750	IEC Inlet Module	6 IEC 320	105	130 62 18	50/60	95	C	10
PCI-1000INT	200-264	4.16	1000	IEC Inlet Module	9 IEC 320	135	162 78 23	50/60	96	D	17
PCI-1250INT	200-264	5.21	1250	IEC Inlet Module	9 IEC 320	135	195 92 27	50/60	96	D	18
PCI-1500INT	200-264	6.25	1500	IEC Inlet Module	9 IEC 320	135	225 108 32	50/60	96	D	20
PCI-2000INT	200-264	8.33	2000	IEC Inlet Module	9 IEC 320	135	285 125 41	50/60	96	D	23
PCI-2500INT	200-264	10.42	2500	IEC Inlet Module	9 IEC 320	135	330 160 55	50/60	96	D	28

*Inrush Current for momentary dropout—worst case

** Case Size (in.)

A — 3.61 x 4.25 x 6.74 C — 4.29 x 8.10 x 11.80
B — 4.23 x 4.97 x 7.58 D — 5.60 x 11.15 x 16.10

SURGE VOLTAGE WITHSTAND CAPABILITY:

Tested under power to ANS/IEEE C62.41; Category A & B (Formerly IEEE587-1980); Category A, 6000V/200A, 0.5µsec risetime, 100kHz decay; Category B, 6000V/500A, 0.5µsec risetime, 100kHz decay

NOISE REJECTION-ISOLATION: With unit under power, and an ANS/IEEE C62.41 Category A pulse applied either normal or common mode at the input, the noise output voltage will be less than 10V normal mode, and less than 0.5V common mode in all quadrants (CN-NM, NM-NM, CM-CM, NM-CM)

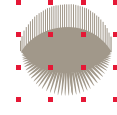
COOLING: Natural convection

TOTAL HARMONIC DISTORTION MAX.:

< 1 percent

SAFETY AGENCIES: UL, cUL and VDE listed

WARRANTY: Product is warranted for five years against defects in manufacturing and workmanship.



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