

Since 1972

Protection Doesn't Cost ... It Pays ! ... *Ancient Abyssinian Proverb*



Kleen Line® Voltage Converter & Isolation Transformer

120V converted to 208V • 240V converted to 208V

Plus Isolation Transformer to Solve Your Ground Loop & Ground Noise problems



Check - - - -
[120 V to 208 V Models](#)
[240 V to 208 V Models](#)

1500 W 208V Converter

Kleen Line® Voltage Converter / Isolation Transformers for Voltage Conversion Convenience & Ultimate System Protection

- Convert 120 Volts to Hard to Find 208 Volts
- Convert 240 Volts to Hard to Find 208 Volts
- Beat [Ground Loop problems](#)
- Review [Specifications](#)
- Note the [Special Features & Information](#)

Money Back Guarantee !!

Get The Electronic Specialists Kleen Line Advantage !!

Input Filter System Cleans Power Line Interference (Not Included in Most Competitive Units)

- Balanced Pi, Wide Band Input Filter
 - Differential & Common Mode Protection
 - 100 KHz to 125 MHz; 55 db Attenuation
- Ferro-resonant transformer filtering
- Isolated winding interference & harmonic rejection

Input Suppressor System Cleans Spikes & Surges (Not Included in Most Competitive Units)

- 9 Stage, hybrid suppressor
- 58,500 Surge Amp primary suppression
- 1 pico-second, high speed Response
- Differential & Common Mode Protection
- Ferro-resonant transformer suppression
- Isolated winding suppression

<http://www.elect-spec.com> <> e-mail: esp@elect-spec.com

<> FAX 1-508-653-0268 <> Phone 1-508-655-1532 <> Toll Free (U.S.)1-800-225-4876

© 1996 - 2008 Electronic Specialists, Inc., Natick, Massachusetts 01760; All Rights Reserved



Electronic Specialists, Inc

PIONEERS IN HIGH TECH
EQUIPMENT PROTECTION

Since 1972

Protection Doesn't Cost ... It Pays ! ... *Ancient Abyssinian Proverb*

**PERFECT
FOR SYSTEMS SUFFERING FROM LOW QUALITY POWER**

Convert *dirty* street power into **Ultra-Smooth** 208 Volt power
for maximum equipment life & performance

Isolation transformer/filter Ground Loop Control

- Eliminates ground loops, ground line noise & interference
- 3 position User Select Terminal for Maximum Ground Loop Control

Industrial Grade, **9 Stage, 58,500 Surge Amp Spike / Surge Suppressor;**
1 pico-second response

(The competition

- has *only 1 Stage*, 6,500 Surge Amp Suppressor
- with a *dismal 1,000 pico-second* response)

PROTECT YOUR EQUIPMENT INVESTMENT

Ground Loop Control & Elimination

- - - - Eliminates many system problems

Common Mode Noise Elimination

- - - - regardless of source

Harmonic Suppression

- - - - Reduces equipment generated odd harmonics

Exclusive Multi-Stage Surge Suppressor

- - - - Eliminates need for separate suppressor

LED Operational Indicator

- - - - Operating assurance

<http://www.elect-spec.com> <> e-mail: esp@elect-spec.com

<> FAX 1-508-653-0268 <> Phone 1-508-655-1532 <> Toll Free (U.S.)1-800-225-4876

© 1996 - 2008 Electronic Specialists, Inc., Natick, Massachusetts 01760; All Rights Reserved





Since 1972

Protection Doesn't Cost ... It Pays ! ... Ancient Abyssinian Proverb

PRICES

Kleen Line Isolation Transformers / Conditioners with exclusive Input Filter-Suppressor Protection

Check Out [Meter Options](#)

Input: 120 Volts

Output: 208 Volts 60 Hz (50 Hz Models available)

MODEL	INPUT 120 VOLT CORD / PLUG US NEMA	OUTPUT @ 208 V. LOAD Amps / Watts	208 VOLT SOCKETS QTY; US NEMA	WEIGHT (lbs/kg)	PRICE U.S. \$
ISOT-125B208	6' / 5-15	0.5 A; 125 W	2; 6-15; 15 A	7/3.2 SIZE C	410
ISOT-250B208	6' / 5-15	1.0 A; 250 W	4; 6-15; 15 A	9/4 SIZE C	450
ISOT-500B208	6' / 5-15	2.0 A; 500 W	4; 6-15; 15 A	19/8.6 SIZE A	755
ISOT-1000B208	6' / 5-15	4.0 A; 1000 W	4; 6-15; 15 A	33/15 SIZE A	1,050
ISOT-1250B208	6' / 6-15	5.0 A; 1,250 W	4; 6-15; 15 A	39/17 SIZE A	1,145
ISOT-1500B208	6' / 5-15	6.0 A; 1500 W	4; 6-15; 15 A	45/20.4 SIZE A	1,255
ISOT-1750B208	6' / 5-15	7.0 A; 1750 W	4; 6-15; 15 A	50/22.7 SIZE A	1,365
ISOT-2000B208	6' / 5-20	8.0 A; 2000 W	4; 6-15; 15 A	69/31.3 SIZE A	1,425
ISOT-2500B208	6' / 5-20	10.0 A; 2500 W	4; 6-15; 15 A	78/35.4 SIZE B	1,690

<http://www.elect-spec.com> <> e-mail: esp@elect-spec.com

<> FAX 1-508-653-0268 <> Phone 1-508-655-1532 <> Toll Free (U.S.)1-800-225-4876

© 1996 - 2008 Electronic Specialists, Inc., Natick, Massachusetts 01760; All Rights Reserved



Since 1972

Protection Doesn't Cost ... It Pays ! ... *Ancient Abyssinian Proverb*

Input: 240 Volts <> **Output:** 208 Volts <> 60 Hz (50 Hz Models available) <> Check Out [Meter Options](#)

MODEL	240 VOLT CORD / PLUG US NEMA	OUTPUT @ 240 V. LOAD Amps / Watts	240 VOLT SOCKETS QTY; US NEMA	WEIGHT (lbs/kg)	PRICE U.S. \$
ISOT-125/240B208	6' / 6-15	0.5 A; 125 W	2; 6-15; 15 A	7/3.2 SIZE C	410
ISOT-250/240B208	6' / 6-15	1.0 A; 250 W	2; 6-15; 15 A	9/4 SIZE C	450
ISOT-500/240B208	6' / 6-15	2.0 A; 500 W	4; 6-15; 15 A	19/8.6 SIZE A	755
ISOT-1000/240B208	6' / 6-15	4.0 A; 1,000 W	4; 6-15; 15 A	33/15 SIZE A	1,050
ISOT-1250/240B208	6' / 6-15	5.0 A; 1,250 W	4; 6-15; 15 A	39/17 SIZE A	1,145
ISOT-1500/240B208	6' / 6-15	5.0 A; 1,500 W	4; 6-15; 15 A	45/20.4 SIZE A	1,255
ISOT-1750/240B208	6' / 6-15	7.0 A; 1,750 W	4; 6-15; 15 A	50/22.7 SIZE A	1,365
ISOT-2000/240B208	6' / 6-15	8.0 A; 2,000 W	4; 6-15; 15 A	69/31.3 SIZE A	1,425
ISOT-2500/240B208	6' / 6-15	10.0 A; 2,500 W	4; 6-15; 15 A	78/35.4 SIZE B	1,690

Isolation Transformer Case Sizes

Size A: ISOT-500; -1000; -1250; -1500; -1750; -2000

..... 14" L x 7" W x 8" Hi (36 cm L x 18 cm W x 20 cm Hi)

Size B: ISOT-2500

..... 17" L x 9" W x 10" Hi (43 cm L x 23 cm W x 25 cm Hi)

Size C: ISOT-125; -250

..... 8.25" L X 5" W X 4.5" Hi (21 cm L x 13 cm W x 11 Hi)

<http://www.elect-spec.com> <> e-mail: esp@elect-spec.com

<> FAX 1-508-653-0268 <> Phone 1-508-655-1532 <> Toll Free (U.S.)1-800-225-4876

© 1996 - 2008 Electronic Specialists, Inc., Natick, Massachusetts 01760; All Rights Reserved

isotran_208.htm <> Page 4 of 6

Since 1972

Protection Doesn't Cost ... It Pays ! ... *Ancient Abyssinian Proverb*

New !! Voltage Converter / Isolation Transformer [Meter Options](#)

Looking for [Isolation Transformers?](#) [Check Here](#)

View 120 V to 208 V [Voltage Converters / Voltage Regulators](#)

Check Out our other [Isolation Transformer Voltage Converters](#)

SPECIFICATIONS

for Kleen Line Isolating Transformer Power Conditioners

125 Volt, 60 Hz Models - NEMA 5-15 Standard US plug & sockets
0.75, 1.0, 1.5, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.3, 10.0, 12.0, 14.0 Amps

125 Volt, 60 Hz Models - NEMA 5-20 Standard US plug & sockets
16.7, 20.0 Amps

125/250 Volt, 60 Hz Models

NEMA 14-15, 14-20, L14-20, L14-20, L14-20 plug & sockets available
10.4, 15.0, 20.8 Amps

250 Volt, Single Phase, 60 Hz Models

NEMA 6-15, 6-20, 6-30, L6-15, L6-20, L6-30 plug & sockets available
10.4, 15.0, 20.8 Amps

Isolation

Independent input/output transformer windings
Faraday Shield adds Primary - Secondary isolation

Common mode noise <0.5 Volt

Differential mode noise <10.0 Volts

Surge Suppressor (Not Included in Most Competitive Units)

Ultra-fast, 1 pico-second response

Industrial Grade, 9 Stage, 58,500 Surge Amp

Noise & Interference Filter (Not Included in Most Competitive Units)

Inductor-Capacitor design

EMI/RFI Noise rejection: 30 - 65 db; 10 KHz to 50 MHz

Cooling

Convection

<http://www.elect-spec.com> <> e-mail: esp@elect-spec.com

<> FAX 1-508-653-0268 <> Phone 1-508-655-1532 <> Toll Free (U.S.)1-800-225-4876

© 1996 - 2008 Electronic Specialists, Inc., Natick, Massachusetts 01760; All Rights Reserved

Since 1972

Protection Doesn't Cost ... It Pays ! ... *Ancient Abyssinian Proverb*

Meter Options

for Voltage Converter / Isolation Transformers

Meter Options

A Convenient front panel meter serves as a constant check on equipment operation

- 5% Analog Meter
Add \$85
- 2% Analog Meter
Add \$140
- 3-1/2 d Digital Meter
Add \$240
- 4-1/2 d Digital Meter
Add \$270
- 5% Analog Ammeter
Add \$85
- 2% Analog Ammeter
Add \$140
- 3-1/2 d Digital Ammeter....
Add \$240



0 - 200 Volt Digital Meter
3-1/2 digit display



0 - 10 Amp Analog Meter

<http://www.elect-spec.com> <> e-mail: esp@elect-spec.com

<> FAX 1-508-653-0268 <> Phone 1-508-655-1532 <> Toll Free (U.S.)1-800-225-4876

© 1996 - 2008 Electronic Specialists, Inc., Natick, Massachusetts 01760; All Rights Reserved

isotran_208.htm <> Page 6 of 6

