Surge Protectors and Digital Timer

New Energy Saving Power Center and Digital Timer

NEW!

EMF-10 Digital Timer

EMF-8ES Energy Saving Power Center Surge Protector
EMF™-3 Three Outlet Surge Protector with 2 USB Chargers

- 15 Amp/125V/1875W
- Converts one grounded outlet of similar rating to 3 grounded outlets
- For indoor use only
- Appropriate for use in homes, offices, businesses and more
- Adapter spaced outlet
- LED Indicates Active Surge Protection

USB CHARGER FOR:
- Cameras
- Cell Phones
- Tablets
- MP3 Players

PLUG-IN PROTECTION FOR:

Office
- Security Systems
- Copy Machines
- Computers
- Modems
- Fax Machines
- Answering Machines

Industrial
- Process Controls
- Electrical Hand Tools

Residential
- TVs
- DVD Players
- Stereos
- Satellite Receivers
- Video Games
- Computers

Institutional/Industrial
- Lab Equipment
- Amplifiers
- Film/Video Equipment

SPECIFICATIONS

125V Outlet Specifications

3 Line Protection: (hot, neutral, ground)
Energy Dissipation: 1050 Joules
Electrical Rating: 125V/15A/1875W, 60Hz
Clamping Voltage: 400V
Maximum Spike Current: 19,500 Amps
Maximum Surge Voltage: 6000V
EMI / RFI Noise Reduction: up to 20dB from 150Khz to 30Mhz
Response Time: less than 1 nanosecond

USB Specifications

USB Power Adapter Input: AC 125V, 0.2A, 50/60Hz
Output: DC 5V, 2.0A
Over Voltage Protection: DC 10V

NOTE: This surge protector is not a lightning arrestor and may not protect against direct lightning strikes. Use indoors only in a dry location.

www.nteinc.com
• Single or Full 3-Mode Surge Protection
• EMI/RFI Noise Filter
• Phone Line Protection (EMF-65A)
• Nanosecond Response Time
• Illuminated Power Switch
• Surge Protection Indicator
• Resettable Switch
• Keyhole Slot Mounting

EMF™ Surge Protectors are effective protection against transient AC line voltage spikes that can damage electronic equipment or interfere with their operation. These spikes are shunted through protecting MOVs where they are dissipated. All models, with the exception of the EMF-61, feature full 3-mode surge protection: HOT TO NEUTRAL, HOT TO GROUND, and NEUTRAL TO GROUND.

The EMF-61 provides basic single mode protection from HOT TO NEUTRAL lines. The EMF-65A can also be used for phone line protection. They will protect against transient voltage spikes from RING (Red) TO GROUND and TIP (Green) TO GROUND.

All EMF Surge Protectors are controlled by an illuminated power switch and protected against overloads by a resettable circuit breaker.

PLUG-IN PROTECTION FOR:

Office
• Security Systems
• Copy Machines
• Computers

Industrial
• Process Controls
• Electrical Hand Tools

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• Amplifiers
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Residential
• TVs
• DVD Players
• Stereos
• Satellite Receivers
• Video Games
• Computers

Phone Line Protection (EMF-65A Only)
• Modems
• Fax Machines
• Cordless Phones
• Telephones
• Answering Machines

EMF-61
90° Rotated Outlets
Single Mode Surge Protection
6 ft. Cord

EMF-63A
Metal Case
EMI/RFI Noise Filter
Surge Protection Indicator
3-Mode Surge Suppression
6 ft. Cord

EMF-65A
Phone Line Protection
EMI/RFI Noise Filter
Surge Protection Indicator
3 Mode Surge Suppression
6 ft. Cord

EMF-67
90 Degree Rotated Outlets
with Safety Slide Covers
EMI/RFI Noise Filter
3 Mode Surge Suppression
6 ft. Cord

www.nteinc.com
## EMF™-61, EMF-63A, EMF-65A, EMF-67 Specifications

<table>
<thead>
<tr>
<th>General</th>
<th>EMF-61</th>
<th>EMF-63A</th>
<th>EMF-65A</th>
<th>EMF-67</th>
</tr>
</thead>
<tbody>
<tr>
<td>Case, Heavy Duty</td>
<td>Plastic</td>
<td>Metal</td>
<td>Plastic</td>
<td>Plastic</td>
</tr>
<tr>
<td>Number of Outlets</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>Surge Protection Indicator</td>
<td>---</td>
<td>LED</td>
<td>LED</td>
<td>LED</td>
</tr>
<tr>
<td>Operating Current and Voltage (1875 W Max.)</td>
<td>15A, 120 VAC</td>
<td>15A, 125 VAC</td>
<td>15A, 120 VAC</td>
<td>15A, 125 VAC</td>
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<tr>
<td>Circuit Breaker, Resettable</td>
<td>15A</td>
<td>15A</td>
<td>15A</td>
<td>15A</td>
</tr>
<tr>
<td>Clamping Response Time</td>
<td>&lt;1 nSec.</td>
<td>&lt;1 nSec.</td>
<td>&lt;1 nSec.</td>
<td>&lt;1 nSec.</td>
</tr>
</tbody>
</table>

### AC Power Section

<table>
<thead>
<tr>
<th>Surge Protection (MOVs)</th>
<th>Hot to Neut.</th>
<th>Hot to Neut.</th>
<th>Hot to Neut.</th>
<th>Hot to Neut.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clamping Voltage</td>
<td>200 - 330V</td>
<td>400V</td>
<td>400V</td>
<td>400 - 500V</td>
</tr>
<tr>
<td>Energy Absorption (Max.)</td>
<td>140 Joules</td>
<td>1,050 Joules</td>
<td>210 Joules</td>
<td>1,050 Joules</td>
</tr>
<tr>
<td>Peak Surge Current</td>
<td>4500A</td>
<td>19,500A</td>
<td>7000A</td>
<td>19,500A</td>
</tr>
<tr>
<td>EMI/RFI Noise Attenuation</td>
<td>20 dB</td>
<td>5-40 dB</td>
<td>20 dB</td>
<td></td>
</tr>
</tbody>
</table>

### Telecommunications Section

<table>
<thead>
<tr>
<th>Surge Protection (MOVs)</th>
<th>Ring to Gnd</th>
<th>Tip to Gnd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clamping Voltage @ 1mA</td>
<td>245V</td>
<td></td>
</tr>
<tr>
<td>Clamping Voltage @ 10A</td>
<td>450V</td>
<td></td>
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<tr>
<td>Energy Absorption (Max.)</td>
<td>20 Joules</td>
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<tr>
<td>Peak Surge Current</td>
<td>1200A</td>
<td></td>
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</tbody>
</table>

**EMF-61**

![EMF-61 Diagram]

**EMF-63A, EMF-67**

![EMF-63A and EMF-67 Diagrams]

**EMF-65A**

![EMF-65A Diagram]

**Telephone Line Protection (EMF-65A)**

![Telephone Line Protection Diagram]
EMF™-60 6-Outlet Surge Protector with Circuit Breaker Protection

- 15 Amp/125V/1875W
- Resettable Circuit Breaker
- 6 Foot, 14 Gauge, Grounded Power Cord
- Surge Indicator Light
- On/Off Lighted Master Switch
- 6 Grounded AC Outlets
- Durable, Fire-retardant Plastic Construction

EMF Surge Protectors are effective protection against transient AC line voltage spikes that can damage electronic equipment or interfere with their operation. These spikes are shunted through a protecting MOV where they are dissipated. The EMF-60 provides basic single mode protection from HOT TO NEUTRAL LINES.

The EMF-60 is useful in home or business environments, and will protect valuable equipment from power surges that may be caused by lightning strikes, appliances such as air conditioners or refrigerators, machinery, or line switching.

PLUG-IN PROTECTION FOR:

Office
- Security Systems
- Copy Machines
- Computers
- Modems
- Fax Machines
- Answering Machines

Industrial
- Process Controls
- Electrical Hand Tools

Residential
- TVs
- DVD Players
- Stereos
- Satellite Receivers
- Video Games
- Computers

Institutional/Industrial
- Lab Equipment
- Amplifiers
- Film/Video Equipment

SPECIFICATIONS

Operating Current and Voltage: 15 Amp/125V/1875W
Clamping Voltage: 400 Volts
Maximum Surge Dissipation: 140 Joules
Maximum Spike Current: 4500 Amps
Response Time: <1 nanosecond
Maximum Surge Voltage: 6000 Volts

Dimensions: 7⅞”(L) x 2”(W) x 1⅞”(H)

EMF™-41 4-Outlet Surge Protector with Circuit Breaker Protection

- 15 Amp/125V/1875W
- Resettable Circuit Breaker
- 4 Ground AC Outlets
- 6 Foot, 14 Gauge, Grounded Power Cord
- Flame Retardant Plastic Construction
- Keyhole Slot Mounting

EMF Surge Protectors are effective protection against transient AC line voltage spikes that can damage electronic equipment or interfere with its operation. These spikes are shunted through a protecting MOV where they are dissipated. The EMF-41 provides basic single mode protection from HOT TO NEUTRAL LINE.

The EMF-41 is useful in the home or business environments. It will protect valuable equipment from power surges that may be caused by lightning strikes, appliances such as air conditioners or refrigerators, machinery, or line switching.

PLUG-IN PROTECTION FOR:

Office
- Security Systems
- Copy Machines
- Computers
- Modems
- Fax Machines
- Answering Machines

Residential
- TVs
- DVD Players
- Stereos
- Satellite Receivers
- Video Games
- Computers

Institutional/Industrial
- Lab Equipment
- Amplifiers
- Film/Video Equipment

SPECIFICATIONS

Operating Current and Voltage: 15 Amp/125V/1875W
Clamping Voltage: 400 Volts
Maximum Surge Dissipation: 70 Joules
Maximum Spike Current: 4500 Amps
Response Time: <1 nanosecond
Maximum Surge Voltage: 6000 Volts
Dimensions: 7⅛”(L) x 2”(W) x 1⅞”(H)

EMF-41
EMF-8ES Energy Saving Power Center Surge Protector

- Automatically turns computer, TV, and other peripherals on and off
- Protects valuable equipment against surges and spikes
- Provides the highest level of equipment protection during damaging power surges
- Reduces noise interference
- Indicates if protection is still active
- Reset/off switch with built in 15 Amp circuit breaker
- Highest quality 6 foot power cord available to reduce the risk of electrical shock
- C (UL) US Listed
- Surge/Power on LED Indicator and more!

This environmentally friendly, 8 outlet Surge Protector saves up to 55% of energy used by eliminating idle current!

EMF-8ES features one master outlet that controls four connected outlets, and also has three separate transformer spaced outlets as well.

Plug your computer or television into the master outlet and plug everything else that you want to save energy into the four “connected by master” outlets. These four “connected by master” outlets turn on or off via the master outlet. This allows you to save energy and also helps to reduce greenhouse gasses!

SPECIFICATIONS
- Electrical rating:..............125 V, 60 Hz, 15 A, 1875 W
- Joule rating:......................1050 J
- Max. peak pulse current:........19,500 A
- Max. surge clamping voltage:......400 V (L - N, L - G, N - G)
- Max. surge pulse voltage:........6000 V
- Response time:...............faster than 1 nanosecond
- EMI / RFI noise rejection:.....up to 20 dB from 150 KHz to 30 MHz
- Overload protection:..............125 V, 15 A circuit breaker

EMF-10 Digital Timer

- Turn lights on automatically at dusk and off at dawn
- Set timer for desired number of hours that your lights are on
- Automatic control of electronic equipment
- Weatherproof
- C (UL) US listed
- Auto Reset
- Overload protection
- 24 hour repetition
- Digital power indicator light
- and more!

This great new product allows the user to easily choose time settings ranging from one to ten hours (in one hour increments) or from dusk to dawn!

Featuring a photocell function, EMF-10 allows you to control all of your outdoor and indoor lighting and other electronic equipment as well!

Simply select your desired setting via the programmable selector button and EMF-10 will do the rest.

SPECIFICATIONS
- Input:..............................AC125V/60Hz
- Output:..............................15 Amps Max. 1875 Watts
- Operating Temperature Range: -22°F to +158°F

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