

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

LISTED US



EMF-3

USB CHARGER FOR:

- Cameras
- Cell Phones
- Tablets
- MP3 Players

PLUG-IN PROTECTION FOR:

Office

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

Institutional/Industrial

- Lab Equipment
- Amplifiers
- Film/Video Equipment

Industrial

- Process Controls
- Electrical Hand Tools

Residential

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

SPECIFICATIONS

125V Outlet Specifications

3 Line Protection: (hot, neutral, ground)
Energy Dissipation: 1050 Joules
Electrical Rating :
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.





EMF[™]-61, EMF-63A, EMF-65A, EMF-67

- 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.



Office

- Security Systems
- Copy Machines
- Computers

Industrial

- Process Controls
- Electrical Hand Tools

Institutional/Industrial

- Lab Equipment
- Amplifiers
- Film/Video Equipment

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-6190° Rotated Outlets
Single Mode Surge Protection
6 ft. Cord



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



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



EMF-6790 Degree Rotated Outlets with Safety Slide Covers EMI/RFI Noise Filter 3 Mode Surge Suppression 6 ft. Cord

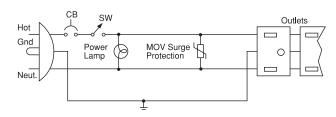




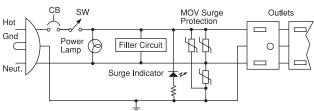
EMF[™]-61, EMF-63A, EMF-65A, EMF-67 Specifications

	EMF-61	EMF-63A	EMF-65A	EMF-67
General				
Case, Heavy Duty	Plastic	Metal	Plastic	Plastic
Number of Outlets	6	6	6	7
Surge Protection Indicator		LED	LED	LED
Operating Current and Voltage (1875 W Max.)	15A, 120 VAC	15A, 125 VAC	15A, 120 VAC	15A, 125 VAC
Circuit Breaker, Resettable	15A	15A	15A	15A
Clamping Response Time	<1 nSec.	<1 nSec.	<1 nSec.	<1 nSec.
AC Power Section				
Surge Protection (MOVs)	Hot to Neut.	Hot to Neut. Hot to Gnd Neut. to Gnd	Hot to Neut. Hot to Gnd Neut. to Gnd	Hot to Neut. Hot to Gnd Neut. to Gnd
Clamping Voltage	200 - 330V	400V	400V	400 - 500V
Energy Absorption (Max.)	140 Joules	1,050 Joules	210 Joules	1,050 Joules
Peak Surge Current	4500A	19,5000A	7000A	19,5000A
EMI/RFI Noise Attenuation		20 dB	5-40 dB	20 dB
Telecommunications Section				
Surge Protection (MOVs)			Ring to Gnd Tip to Gnd	
Clamping Voltage @ 1mA @ 10A			245V 450V	
Energy Absorption (Max.)			20 Joules	
Peak Surge Current			1200A	

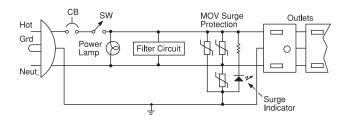
EMF-61



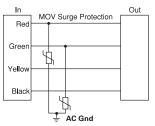
EMF-63A, EMF-67



EMF-65A



Telephone Line Protection (EMF-65A)





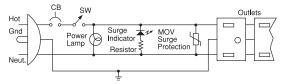


EMF™-60 6-Outlet Surge Protector with Circuit Breaker Protection

- 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

Institutional/Industrial

- Lab Equipment
- Amplifiers
- Film/Video Equipment

Industrial

- Process Controls
- Electrical Hand Tools

Residential

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



EMF-60

SPECIFICATIONS

Operating Current

and Voltage:15 Amp/125V/1875W

Clamping Voltage: 400 Volts Maximum Surge Dissipation: 140 Joules Maximum Spike Current:...... 4500 Amps

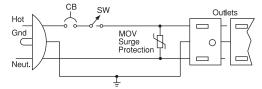
Response Time:<1 nanosecond Maximum Surge Voltage:..... 6000 Volts

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 businesses 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
- Answering Machines

Fax Machines

Institutional/Industrial

- Lab Equipment
- Amplifiers
- Film/Video Equipment

Residential

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

Industrial

- Process Controls
- Electrical Hand Tools

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







EMF-41

Whatever your needs NTE has the answer!

ECG Aerosol Chemicals

- Butane Fuel
- Smoke Detector Tester Spray
- Antistatic Circuit Refrigerants
- Electronics Degreasers and Washes
- Electronics Contact Cleaners,
- · Degreasers and Washes
- Electronics Contact Cleaners with Lubes
- Heavy-Duty Flux Removers
- Jet Air Cleaners
- . Heavy-Duty Cleaning Solvents
- Electronics Washes
- Hydroentangled Cellulose/Polyester C-Fold Wipes
- Silicone Lubricants
- · Label and Adhesive Removers
- General Duty Defluxers
- Straw Holders
- · Computer Glass and Plastic Cleaner
- CARB Compliant Types

ECG Butane/Electric Soldering and Heat Products

- Butane Fuel
- Butane Soldering Irons
- Butane Heat Guns
- Butane Torch
- Electric Corded Soldering Irons
- · Electric De-soldering Irons
- Tips and Accessories
- · Soldering Iron Kits
- Soldering Guns
- Industrial Heat Guns
- · Economy Heat Guns
- Mini Heat Gun

ECG Rotors

- · Precision Cut Steel Gears
- · Rugged One-Piece Cast Aluminum Housing
- Large Bearing Surface
- Strong Reinforced Mast
- High Torque
- Automatic Control
- · Remote Control
- · Programmable Version

ECG Test Equipment

- Analog Multimeters
- Digital Multimeters
- AC Clamp-On Digital Meters
- AC Clamp-On Current Adapter
- Digital Capacitance Meter
- Battery Tester
- · Handheld Digital Thermometer Logic Probes
- Oscilloscope Probes
- Test Leads
- Digital Infrared Thermometer

ECG Wireless Security and Inspection Cameras

- WIC-1
- WIC-100 Deluxe
- Removable LCD Monitors
- Waterproof Camera and Shafts
- · Mirror, Hooks, Magnetic Tips
- Magnetic Monitor Base
- WSS-1 Digital Pan and Tilt Surveillance System
- · Real-time, high quality video and audio monitoring

NTE Cable Ties

- Standard Cable Ties
- Specialty Cable Ties
- Cable Tie Tension Tools
- Cable Tie Accessories
- Convenience Packs
- Split Loom
- Assorted Sizes & Colors

NTE Capacitors

- Aluminum Electrolytic
- Ceramic Disc
- Tantalum
- Mylar/Polyester Film
- Motor Start/Run
- Ceiling Fan
- Snap-in Mount
- Surface Mount Types
- Multilaver (Monolithic) Ceramic
- Prepackaged Kits

NTE Circuit Protection Components

- Disc Thermostats
- Fuses
- Thermal Cut-Offs
- Gas-Filled Arrestors
- Integrated Circuit Protectors
- Metal Oxide Varistors
- Overvoltage Transient Suppressors
- Sidacs
- Thermal Circuit Breakers
- Polymeric PTC Resettable Fuses

NTE Fuses

- Tube Type Case Sizes 3.6 x 10mm / 5 x 20mm / 6 x 30mm
- Glass and Ceramic
- Fast Acting and Slow Blow
- Standard and Miniature Automotive **Blade Series**
- Fuse Clips
- Panel Mount Holders
- PICO Fuse Equivalent
- 2AG Type Equivalent
- In Line Fuse Holders
- Fuse Kits
- Photovoltaic/Solar Panel

NTE Heat Shrink Tubing

- Assortment Packs Available
- Thin Wall Cross-Linked Polyolefin
- Dual Wall Cross-Linked Polyolefin with Adhesive
- Medium Wall with Adhesive
- Thick Wall with Adhesive
- Available in 11 colors
- Shrink Temperature: 120°C
- Shrink Ratio: 2:1Thin/3:1 Dual
- Cut / Marked Service

NTE Hook-Up Wire

- Automotive Wire
- 300V and 600V Solid and Stranded Wire
- Teflon® Coated Wire
- Speaker Wire Clear
- Black/Red Bonded Speaker Wire
- 10 Colors and Gauges from 10 to 26 High Performance Home Audio Speaker Cable
- Audio Speaker Cable

NTE LED Tubing

- · For Interior Lighting
- Super Bright LEDs
- · Blue, Green, Red, White, Amber, and Red/White/Blue
- Flexible
- · Connectible Up to 15 Tubes

NTE Relays

- Electromechanical
- Solid State
- Automotive Type
- Reed
- Time Delay
- I/O Modules
- Thermal Circuit Breakers
- · Magnetic Latching
- Accessories
- Surface Mount Types
- Replacements for Over 83,400 Types
- · Proximity Switches

- **NTE Resistors**
- Flameproof 1/8W to 3W
- Power Wirewound 5W/10W/25W • Fusible Power Oxide 1W/2W
- Prepackaged Kits · Surface Mount Wirewound
- up to 4 Watt Metal Clad Aluminum Precision Wirewound
- 1% Metal Film • Fixed & Adjustable Vitreous
- from 12 to 300 Watt Round Silicone Wirewound Ceramic
- from 1 to 10 Watt

Carbon Composition

- **NTE Semiconductors**
- · Super Bright LEDs Power Block/Hybrid Mod.
- · Industrial Rectifiers/Bridges
- Small Signal/Power Transistors
- Voltage Regulators
- Transient Suppressors
- Thermal Cutoffs Thyristors
- Zener Diodes

Industry Types

- Integrated Circuits
- Surface Mount Types • Replacements for Almost 400,000



NTE Switches

- Bat Handle
- · Toggle and Mini-toggle
- Paddle
- Rocker
- Metal and Nylon Pushbutton
- Snap Action
- Sealed Automotive/Marine Types
- Anti-vandal
- Round Hole Rocker
- Pull Chain
- Waterproof

NTE Terminals & Connectors

- Ring Terminals
- Spade Terminals
- Pin Terminals
- Flag Terminals Waterproof Heat Shrink Terminals
- Butt Connectors
- Male and Female Disconnects
- Piggy Back Disconnects
- Bullet and Receptacle Disconnects • Twist-On Wire Connectors, Close End
- Connectors, Stripping Quick Splices

Multi-Function Crimp Tool

- **NTE Test Leads & Clips** · Alligator, Crocodile, Plier,
- & Spring Type Clips Probes, Sprung Hooks,
- & Cable Piercers Panel Sockets
- Spade Terminals · Self Assembly Plugs, Sockets, &
- Cables
- Cable Assemblies
- OEM Safety Test Lead Sets • OEM Fused Probe Sets
- · Modular Test Lead Sets
- · Multi-Pin Connector Test · Lead Sets · Automotive Kits & Accessories



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