OTHER POWER PROTECTION PRODUCTS

TBF™ (TRANSFORMER-BASED FILTER) POWER FILTERS
Considered to be one of the most significant developments in the power protection industry. TBF™ Filters contain innovative technology that combines Surge Suppression and Noise Isolation which filters the noise on the ground to less than 0.5 Volts (US Patent # 6229682). Exclusive "POVP" Prolonged Over Voltage Protector (US Patent # 6560086) disconnects the output power if voltage exceeds 155 volts. Exclusive Smart Technology (US Patent #5721661) protects microprocessor based equipment against reverse polarity or no ground. The patented TBF™ filters prevent 90% of the power problems experienced by your POS system, computer, copier and other microprocessor-based equipment.

UNINTERRUPTIBLE POWER SUPPLIES - UPS SERIES
Smart Power Systems' Uninterruptible Power Supplies (UPS) integrated TBF™ Technology provide on-line power conditioning.

WARRANTY

Limited Lifetime Warranty

Smart Power Systems warrants to the original purchaser that the power filters shall be free of defects in material and workmanship under normal use and service for the lifetime of the original, registered connected equipment, and Smart Power Systems will repair or replace, at its sole option, any defective power conditioners free of charge. This warranty is not transferable. See our website for more details - www.smartpowersystems.com

$25,000 Connected Equipment Warranty

If the Smart Power Systems equipment fails and this failure allows a surge to pass through and damage the connected equipment, Smart Power Systems will pay for the repair or replacement of the connected equipment of the original purchaser. Please take the time to **register** each Smart Power Systems' product along with the connected equipment devices connected to it within 20 days of date of purchase in order for you to take advantage of this product warranty and connected equipment protection policy. See our website for more details - www.smartpowersystems.com

IMPORTANT

If for any reason you need to return the **SmartSurge** unit to the manufacturer, you should obtain an RMA (Return Material Authorization) number before returning the unit. To request an RMA number please call 1-800-772-7633 or visit the website at https://smartpowersystems.com/support/rma/

EMERGE
POWER SOLUTIONS™

SMART POWER SYSTEMS

7409 Railhead Ln. - Houston, Texas 77086 - Tel:(713)464-8000 - Fax:(713)984-0841
E-mail: support@smartpowersystems.com - www.smartpowersystems.com **1-800-882-8285**

SmartSurge
Dedicated Surge Protector

Thank you for purchasing this SmartSurge. Smart Power Systems is dedicated to developing and manufacturing the highest performance power protection and filtration devices for your electronic equipment. Proper use of this device will provide the protection needed for your connected equipment.

EMERGE™
POWER SOLUTIONS

SMART POWER SYSTEMS

Use this user's guide for the following products:

MODEL / PART NUMBER	DESCRIPTION
SS15	120V/15A, one 5-15R outlet
SS15-T	120V/15A, one 5-15R outlet, RJ11 (Phone Protection)
SS15-N	120V/15A, one 5-15R outlet, RJ45 (Network Protection)
SS15-TN	120V/15A, one 5-15R outlet, RJ11 + RJ45 (Phone + Network Protection)

CAUTION

• Use only in dry locations indoors.
• Avoid dropping the unit.
• Only plug the **SmartSurge** into a three pronged grounded outlet. This unit is not to be used with any type of ground "lift" or pin eliminator.
• Do not open the **SmartSurge** unit, there are no serviceable parts inside. Opening the unit will void your warranty.

CAUTION

This device features an internal protection that will disconnect the surge protective component at the end of its useful life but will maintain power to the load now unprotected. If this situation is undesirable for the application, follow the manufacturer's instructions for replacing the device.

CAUTION

Do not install this device if there is not at least 10 meters (30 feet) or more of wire between the electrical outlet and the electrical service panel.

CAUTION

Risk of Electric Shock. Do not plug into another relocatable power tap.

FEATURES

Modem & Data Protection (model dependent)
Protection is extended to your phone and network lines with the addition of RJ11 and RJ45 jacks on the **SmartSurge** unit, creating ideal protection for Fax/Internet/Network users. Power surges can pass to the connected equipment through phones lines and network cables.

**If you have any questions call us at our Tech Support line toll free
1-800-772-7633 or email us at support@smartpowersystems.com**

Installation of SmartSurge

1. Turn off and un-plug equipment to be protected from wall outlet.
2. Plug the equipment into the **SmartSurge** unit.
3. Plug the **SmartSurge** unit into grounded wall outlet.
4. Your equipment is now fully protected. Place the **SmartSurge** where monitoring lights can be observed.

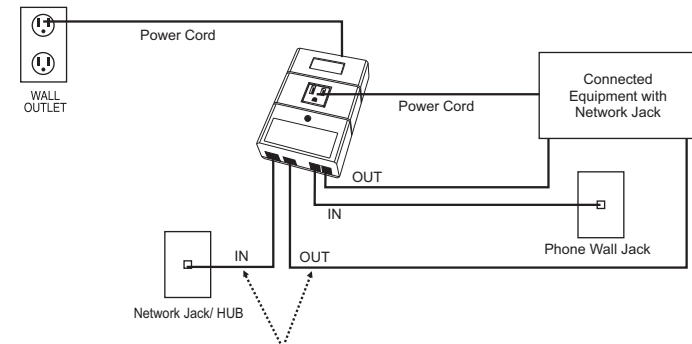## Installation for Protection for Telephone Line

TELEPHONE
1. Unplug the equipment's telephone cable from the wall jack and plug into the RJ11 "OUT" on the **SmartSurge**.
2. Plug the provided telephone cable to the RJ11 jack "IN" on the **SmartSurge**.
3. Plug the other end of the telephone cable into the RJ11 wall jack.

CAUTION: - Never install telephone wiring during a lightning storm.
- Disconnect telephone line at the network interface before installing the secondary protector.
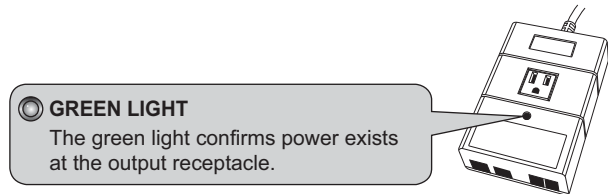- Intended for indoor use only.

Telephone Line Protection clamping voltage 250-350 vdc.

Installation for Protection for Network Cable

1. Unplug the equipment's network cable from the wall RJ45 network jack and plug into the RJ45 "OUT" on the **SmartSurge**.
2. Plug the provided CAT5 cable to the RJ45 jack "IN" on the **SmartSurge**.
3. Plug the other end of the CAT5 cable into the wall RJ45 network jack. Your equipment is now fully protected. Place the **SmartSurge** where monitoring lights can be observed.

Use the Standard CAT 5 Network Patch cord when using the Network protection RJ45 circuit.

GREEN LIGHT
The green light confirms power exists at the output receptacle.

IMPORTANT: The SmartSurge is designed to be compatible with a GFCI (Ground Fault Circuit Interrupter), however, during plug in the GFCI might trip. Press the reset button to restart the circuit.