SmartPower™ SYSTEMS

A POWER QUALITY COMPANY

Computer-Grade Filtering for Limited Spaces for Maximum System Uptime

Smart Cord WITH SMART GROUND

ELECTRONIC POWER CONDITIONER

Avoid system crashes and frustrated customers

Protect point of sale equipment from dangerous spikes and surges that could disrupt or damage it at a time when it's most needed

For power protection applications that require an ergonomic device due to space constraints, the Smart Cord is a versatile device that can meet the needs of the most demanding layouts. The Smart Cord is an electronic power conditioner that is engineered to provide reliable power protection in a small footprint and has the capability to fit into virtually any tight space. The Smart Cord is an ideal fit to provide power protection for point of sale systems, office automation equipment, computer/IT equipment, and security systems.

Utilizing power protection on microprocessor based equipment eliminates power issues that cause disruption, degradation, and destruction to electronic components and is a necessary step to safeguard equipment purchased. Power protection enables companies to maintain or improve productivity and ensure system reliability that will lead to a lower total cost of ownership and greater return on investment.

GFCI COMPATIBLE
It won't disable GFCI safety feature

What it does:

- Reduces downtime (blue screens, frozen screens, "no problem found" service calls)
- Prevents data loss from system crashes
- Protects your investment
- Increases customer satisfaction

Benefits:

- Increase uptime
- Save money on power related service calls
- Improve business productivity
- Protected equipment operates as intended
- Protected equipment lasts longer

Protection against...

- Spikes and surges
- Prolonged over voltage
- Reverse polarity/No ground
- Lightning

Applications:

POINT OF SALE SYSTEMS | REMOTE PRINTERS | SELF SERVICE CHECKOUT | KIOSKS | DIGITAL SIGNAGE | SCOREBOARDS | ATMS

1-800-882-8285 • sales@smartpowersystems.com • www.smartpowersystems.com

About the Smart Cord

The Smart Cord is an ergonomic computer-grade filter that is ideal for environments where a power conditioner is required but space is limited. The Smart Cord is an electronic power conditioner equipped with "smart ground" technology which eliminates ground loop current in networked systems. The Smart Cord is used as a power protection solution for networked equipment such as POS systems, computers and many other microprocessor based products.

What is TBF™ Technology?

A Transformer-Based Power Filter, or TBF™ for short, is a revolutionary, patented technology that is embedded in every Smart Power System power protection device. Simply put, TBF™ is the most effective technology for regulating power so that issues like power spikes, surges and noise do not affect the ability of your equipment to operate properly.

PATENTED TECHNOLOGY

Benefits

Smart Power Systems' TBF™ technology eliminates power issues that cause disruption, degradation and destruction to electronic components. Benefits include enhanced operation, reduced downtime and extended operating life.

Performance Factors

- Common Mode Noise Filtering
- Normal Mode Noise Filtering
- Filters the ground noises to less than 0.5 Volts
- Faulty Wiring Detection
- Surge Protection
- Prolonged Over Voltage Protection
- Compatible with GFCI circuit

Features

- **High Voltage Surge & Lightning Protection**
  Stops dangerous surges from damaging computers and other microprocessor-based electronics.

Smart Power Systems is the first and only one to offer the following patented features:

- **Low Voltage Spike & Noise Protection in Common Mode Area** (US Patent#6229682)
  Filters down to 0.5 Volts and stops disruptions of electronics.
- **"POVP™" Prolonged Over Voltage Protection**
  (US Patent #6560086)
  Protects connected equipment against destructive over voltage.
- **Reverse Polarity/No Ground Protection**
  (US Patent #5721661)
  Exclusive Smart Technology identifies and protects connected equipment against reverse polarity or no ground, making the Smart Cord Fail-Safe.
- **Ground Loop Protection**
  Transformer based technology compatible with GFCI circuit (Patent Pending) protects against ground loop currents which can cause data errors, component failures and safety hazards.

Specifications

	SMART CORD TBF
INPUT/OUTPUT	120V
OUTPUT CURRENT	7 or 10 Amps
OUTPUT RECEPTACLE	(1) IEC & (1-3) 5-15R
INPUT CORD AND PLUG	5-15P - 6 Feet
*SPIKE TRANSIENT LET THROUGH VOLTAGE (Common Mode)	**<0.5 Volts**
*SPIKE TRANSIENT LET THROUGH VOLTAGE (Normal Mode)	**<10 Volts**
SIZE (H x W x D) (In.)	2 x 4.1 x 2.48
NET WEIGHT (Lbs. / Kg.)	1.18 / 0.53
SAFETY	UL 1449 3rd. Edition, UL 991, UL1283

12/17 PN17000710

* Tested under IEEE C62.41 Cat.A & B Ring wave
• Different models are available for 120V, 208V, 15 Amp or 20 Amp.

MODEL / PART NUMBER	DESCRIPTION
UTBF07SG-110	120V/7A, one IEC outlet
UTBF07SG-120	120V/7A, one 5-15R outlet
UTBF07SG-175	120V/7A, three 5-15R outlets
UTBF07SG-175 PLUS	120V/7A, two 5-15R outlets, RJ45 jack
UTBF10SG-120	120V/10A, one 5-15R outlet
UTBF10SG-175	120V/10A, three 5-15R outlets

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 up to $25,000.

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