

PowerPatrol Primary Level 1 TVSS Series

*Cutting your Electricity and Equipment costs. . .
Those you know about. . . and those you'll soon discover!*

At a glance:

- ◆ Features New Robust Hi-Energy **"Single-Element" (SE) TVSS** Design
- ◆ Maintains 300,000 Solid Amps of Safe, Non-Degrading Surge Capacity!
- ◆ Protects integrity of your downline equipment, and guards your Secondary Level 2 TVSS
- ◆ Easy Mounting Installation for efficient 'Close-Coupled' protection of entire system
- ◆ Safely protects sensitive electrical equipment and total system load capacities up to 250KW
- ◆ Greatly increase 'Mean Time Between Failures' of Lighting, Electronic and Electrical Equipment



Cost-effective 'Single-Element' protection!

The **PowerPatrol TVSS Level 1** Series is intended for industrial, commercial primary-level protection. It provides a safe, critical surge path direct to ground and isolates downline Category A and B environments from heavy surges, internal electrical pollution, utility line and storm hazards. Intended for use 'under the shadow' of

the larger upline SE* Series, but also serves as an excellent stand-alone TVSS in typical Category B and C environments. Ideal for hazard-prone areas where critical equipment or expensive downtime risk is a factor. As the workhorse of the new **PowerPatrol** pure power line, let our TVSS system start saving you money today!

Specifications:

For 120VAC, Single Ø - up to 480VAC 3Ø applications
MCOV Ratings: 130/250; 130/210; 300/510 VAC Max. (typ.)
Minimum SE* Single Element Surge Capacity: 45,000 Amps
Minimum Surge Current Per Phase: 135,000 Amps*
Total Non-degrading Surge Capacity: 335,000 Amps
All Modes of Protection: L-L, L-N, L-G and N-G (if applies)
Leads are #10 Stranded Copper, Max 38" for Close-coupling
FuseLink Technology Maintains Full Rated Surge Capacity

User Safe, **StediWatt Safety Surge Cushion™** *Patent Pending
 Safety tested, UL & CUL Listed to Standard 1449, 2nd Edition
 Safety tested to ANSI/IEEE C62.11, C62.41 & C62.45 Std. 587
 Remote'Alert Provides Auto-remote Protection Status Alert*
 LED Self-test Protection Status Monitors for each phase
 Features Fiberglass NEMA Type 4X Rated Enclosures
 Manufacturer's 10 Year Full Replacement User Warranty
 System Designed to Protect Downline TVSS From Degradation

Preserving Your Assets and Your Profits!

Your most vital defense against today's Rolling Brown-outs and Blackouts! Because, whether you're in the city or in the country, your total investment in appliances, computer systems, or factory automation, your entire electrical system and your equipment is being hit by devastating lightning, or gradually deteriorated

and destroyed! Sometimes your sensitive components get fried instantly, but it's most costly because of overall equipment degradation or subtle component failures. **PowerPatrol** provides safe, long-term, total power system integrity and solid protection from major looming losses, and you get peace-of-mind for your lifetime!

*Some Specifications will vary depending on the voltage configuration. Refer to spec sheet for full information.

"Proudly Made In The USA!"



Smith Environmental Products • Selma, TX 78154 • Ph :800-852-4551 ~ Fax: 210-651-5595