

STEDIWATT Surg'Patrol™ Series Data Sheet

For IEEE Category B & C Residential, Industrial & Commercial Applications up to 500KW

Safety Tested and Certified to
New UL Standard No.
1449, 4th Ed.

Safety rated as SPD Types 1 and Type 2 with the TVSS industries highest safety **SCCR Rating of 200kAIC!**

(SE*) Non-degrading 'Single Element' for Each Surgepath

Remot'Alert
 (Opt.) Provides Auto-remote 'Protection Status Alert'



Keeps Your Power Lean, Clean & Green!

IDEAL FOR PRIMARY LEVEL PROTECTION of SMALL COMM/INDUSTRIAL BUSINESS

The **Surg'Patrol** Series is a primary level of non-degrading, SE* Surge Protection typically located at your Main Dist. Panel. While it isolates your downline equipment from external Utility and lightning hazards, it also isolates your sub-distribution panels from inhouse surges to provide a lifetime grid of clean power and surge protection.

Key Features:

- Your most vital Primary Level defense against today's rolling Blackouts and Brownouts!
- Unique fuse-links maintain safety of hi-energy, non-degrading surge capacity.
- Designed for easy installation for close-coupled, 'fast response-time' protection.
- **One Half Million Amps of Safe, Solid, Non-degrading, Lifetime Surge Capacity!**
- Unique Safety "Surge Cushion" Technology is Key to Eliminating 'Electrical Pollution'!

"Made With Pride In The USA!"

Model Number:	S-1120-3SP	S-1208-4SP	S-1240-3SP	S-1240-4SP	S-1480-3SP	S-1480-4SP	S-1600-3SP	S-1600-4SP
AC Service Types:	1Ø	3Ø WYE	3Ø Delta	3Ø Hi-Leg	3Ø Delta	3Ø WYE	3Ø Delta	3Ø WYE
Nominal AC Line Voltage (VRMS):	120/240	120/208	240/240	120/208/240	480/480	277/480	600/600	347/600
Frequency Range - USA / Euro Std:	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Single Element SE* Protection Modes:	L-N;L-L	L-N;L-L&N-G	L-L	L-N;L-L&N-G	L-L	L-N;L-L&N-G	L-L	L-N;L-L&N-G
Knock Out Size for Mounting:	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"
Leads: #10 AWG Stranded Copper	3+G	4+G	3+G	4+G, Hi-Leg	3+G	4+G	3+G	4+G
Max. SE* Per Mode Surge kA:	80	80	80	80	80	80	80	80
Max. Surge Current Per Phase kA:	160	160	160	160	160	160	160	160
Total Surge Capacity (kA @ 8x20 µsec pulse):	260	560	420	560	420	560	420	560
Max Continuous Operating Voltage (MCOV)	150/320	150/320	320	150/320/320	550	320/550	680	390/680
Max. Clamping Voltage - L-L:	520	520	520	520	1175	1175	1800	1800
Max. Clamping Voltage - L-N:	390	390	N/A	390	N/A	675	N/A	1120
Max. Clamping Voltage - N-G:	390	390	N/A	390	N/A	390	N/A	1120
Warranty:	15 Years per Manufacturers Warranty Guidelines							
Enclosure Dimensions (HxWxD):	8 ¼" X 6 ¼" X 4 ¼"							
Enclosure Type:	NEMA/EEMAC Type 4X Waterproof, Explosion Proof, Spark Proof with Embedded PCB and Contacts							
Certifications:	UL / CUL Std 1449, 4th Edition and Full Line is ETL Certified, Safety Tested and Listed							
Safety Testing Per:	UL & ANSI/IEEE C62.11,C62.41 & C62.45 Std. 587 and NEMA Std. LS-1							
Protection Status Indicators:	Lifetime Green LED Self Test Indicators For Each Phase							
Shipping Weight Lbs. (Approx.):	8	8.5	8.5	8.5	8.5	8.5	9	9

For more information on the StediWatt TVSS System Plus® visit www.stediwatt.com, or contact AESI/StediWatt at 717.263.5681 or **800.345.1280**

