

# STEDIWATT Surg'Tracer™ Series Data Sheet

For IEEE Category B & C Residential, Industrial & Commercial Applications up to 250KW

**Safety Tested and Certified to New UL Standard No. 1449, 3rd Ed.**



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

(SE\*) Single Element for each surgepath

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



**STEDIWATT** 

## Keeps Your Power Lean, Clean & Green!

Model Number:
AC Service Types:
Nominal AC Line Voltage (VRMS):
Frequency Range - USA / Euro Std:
Single Element SE* Protection Modes:
Knock Out Size for Mounting:
Leads: #12 AWG Stranded Copper
Max. SE* Per Mode Surge KVA:
Max. Surge Current Per Phase KVA:
Total Surge Capacity (KVA@ 8x20 μsec pulse):
Max. Continuous Operating Voltage (MCOV):
Max. Clamping Voltage - L-L:
Max. Clamping Voltage - L-N:
Max. Clamping Voltage - N-G:
Warranty:
Enclosure Size (HxWxD):
Enclosure Type:
Certifications:
Safety Testing:
Indicators:
Shipping Weight LBS (Approx.):

## IDEAL FOR PREVENTING DOWNTIME & COSTLY REPAIRS IN MISSION CRITICAL AREAS

The **Surg'Tracer** Series is a primary or secondary level of 'Ultra-pure' power and surge suppression for mission-critical locations. Featuring Sine'Tracking, it filters low-level spike/noise to 'isolate your most sensitive downline equipment' from nearby motor loads and inhouse surges for safe, reliable, clean non-degrading, surge protection.

### Key Features:

- Assures Ultra-pure 'Spec-grade' power integrity for mission critical operations.
- LED's constantly monitor performance and protection status on each phase.
- Unique fuse-links maintain safety of non-degrading surge capacity.
- Up to 335,000 Amps of single-element parallel surge protection.
- Unique Safety "Surge Cushion" Technology is Key to Eliminating 'Electrical Pollution'!

*"Made With Pride In The USA!"*

S-1120-3T	S-1208-4T	S-1240-4T	S-1480-4T
1Ø	3Ø WYE	3Ø Hi-Leg	3Ø WYE
120/240	120/208	120/208/240	277/480
50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
L-N;L-L	L-N;L-L&N-G	L-N;L-L&N-G	L-N;L-L&N-G
¾"	¾"	¾"	¾"
3+G	4+G	4+G, Hi-Leg	4+G
45	45	45	45
90	135	135	135
154	335	335	335
150/320	150/320	150/320/320	320/550
520	520	520	1175
390	390	390	675
390	390	390	390
15 Years per Manufacturers Warranty Guidelines			
8 ¼" X 6 ¼" X 4 ¼"			
NEMA/EEMAC Type 4X Water, Explosion/Spark Proof w/ Embedded PCB and Filter Pkg.			
UL / CUL Std 1449, 3rd Edition and Full Line is ETL Certified, Safety Tested and Listed			
UL & ANSI/IEEE C62.11,C62.41 & C62.45 Std. 587 and NEMA Std. LS-1			
Lifetime Green LED Self Test Indicators For Each Phase			
7	7.5	7.5	7.5

For more information on the StediWatt TVSS System Plus® visit [www.stediwatt.com](http://www.stediwatt.com), or contact Brio Power Products at 717.263.5681 or **800.345.1280**

