

# Protect Against Electronic Rust

Introducing  
Active Tracking Filters®  
for industrial strength  
noise protection



The new STF Series from Sola offers the original active tracking technology to guard against commonly occurring, but very damaging, lower energy transients. Offering excellent noise attenuation, these filters continuously track the input AC power line and responds instantly upon detecting extraneous high frequency noise.

- > Available in many voltage, current and phase configurations
- > -40°C to +45°C Derate Linearly to 60% at +70°C
- > Meets UL 1283 and CSA C22.2 for Electromagnetic Interference Filters
- > Non-degrading, series filter technology for total durability
- > For installation on critical loads up to 200 Amps
- > High MTBF (Greater Than 100,000 Hours (MIL 217F))
- > Reduces normal mode transients to +/- 5 volts
- > Full 10 Year Warranty

**Powering**  
performance.



**Sola/Hevi-Duty**  
Main: (847) 268-6000  
Phone: (800) 377-4384  
FAX: (800) 367-4384

**EGS Canada**  
Main: (519) 669-9222  
Phone: (888) 765-2226  
FAX: (519) 669-6389

**EGS Europe/ATX**  
France: 33 (0) 3 22 54 27 54  
UK: 44 (0) 1634 895 899

# Selection

| Model Number   | Amps  | Min Wire Size<br>(AWG Suggested) | Fuse/Circuit Breaker Ampacity |        | Total Dimensions (in)<br>H x W x D | Weight<br>(lbs) |
|--|-------|----------------------------------|-------------------------------|--------|------------------------------------|-----------------|
|  |       |                                  | Suggest                       | Max    |                                    |                 |
| <b>Single-Phase Models (120 VAC)* With barrier strip at input and output</b>               |       |                                  |                               |        |                                    |                 |
| STF0025-10N  | 2.5   | 26                               | 2.5A                          | 3.125A | 5.31 x 2.88 x 1.81                 | 2.0             |
| STF0050-10N  | 5.0   | 22                               | 5A                            | 6.25A  | 5.31 x 2.88 x 1.81                 | 2.0             |
| STF0075-10N  | 7.5   | 18                               | 7.5A                          | 9.375A | 6.25 x 4.75 x 2.35                 | 3.0             |
| STF0150-10N  | 15.0  | 14                               | 15A                           | 18.75  | 7.75 x 4.75 x 2.35                 | 5.0             |
| STF0200-10N  | 20.0  | 12                               | 20A                           | 25A    | 9.0 x 4.75 x 2.35                  | 7.0             |
| STF0300-10N  | 30.0  | 10                               | 30A                           | 37.5A  | 9.0 x 4.75 x 2.35                  | 8.0             |
| <b>Single-Phase Models (240 VAC)* With barrier strip at input and output</b>               |       |                                  |                               |        |                                    |                 |
| STF0025-24L  | 2.5   | 26                               | 2.5A                          | 3.125A | 5.31 x 2.88 x 1.81                 | 2.0             |
| STF0050-24L  | 5.0   | 22                               | 5A                            | 6.25A  | 5.31 x 2.88 x 1.81                 | 2.0             |
| STF0075-24L  | 7.5   | 18                               | 7.5A                          | 9.375A | 6.25 x 4.75 x 2.35                 | 3.0             |
| STF0150-24L  | 15.0  | 14                               | 15A                           | 18.75  | 9.0 x 4.75 x 2.35                  | 5.0             |
| STF0200-24L  | 20.0  | 12                               | 20A                           | 25A    | 9.0 x 4.75 x 2.35                  | 7.0             |
| STF0300-24L  | 30.0  | 10                               | 30A                           | 37.5A  | 9.0 x 4.75 x 2.35                  | 8.0             |
| <b>Three-Phase Models (120/208 V WYE)* Units are standard in NEMA 12 hinged enclosures</b> |       |                                  |                               |        |                                    |                 |
| STF0150-10Y  | 15.0  | 14                               | 15A                           | 18.75A | 15.5 x 12 x 6                      | 38.0            |
| STF0300-10Y  | 30.0  | 10                               | 30A                           | 37.5A  | 15.5 x 12 x 6                      | 38.0            |
| STF0500-10Y  | 50.0  | 4                                | 50A                           | 62.5A  | 22.5 x 16 x 9                      | 85.0            |
| STF1000-10Y  | 100.0 | 2                                | 100A                          | 125A   | 22.5 x 16 x 9                      | 85.0            |
| STF2000-10Y  | 200.0 | 3/0                              | 200A                          | 250A   | 26.5 x 20 x 9                      | 110.0           |
| <b>Three-Phase Models (240 Delta)* Units are standard in NEMA 12 hinged enclosures</b>     |       |                                  |                               |        |                                    |                 |
| STF0150-24D  | 15.0  | 14                               | 15A                           | 18.75A | 15.5 x 12 x 6                      | 38.0            |
| STF0300-24D  | 30.0  | 10                               | 30A                           | 37.5A  | 15.5 x 12 x 6                      | 38.0            |
| STF0500-24D  | 50.0  | 4                                | 50A                           | 62.5A  | 22.5 x 16 x 9                      | 85.0            |
| STF1000-24D  | 100.0 | 2                                | 100A                          | 125A   | 22.5 x 16 x 9                      | 85.0            |
| STF2000-24D  | 200.0 | 3/0                              | 200A                          | 250A   | 26.5 x 20 x 9                      | 110.0           |
| <b>Three-Phase Models (277/480 V WYE)* Units are standard in NEMA 12 hinged enclosures</b> |       |                                  |                               |        |                                    |                 |
| STF0150-27Y  | 15.0  | 14                               | 15A                           | 18.75A | 15.5 x 12 x 6                      | 38.0            |
| STF0300-27Y  | 30.0  | 10                               | 30A                           | 37.5A  | 15.5 x 12 x 6                      | 38.0            |
| STF0500-27Y  | 50.0  | 4                                | 50A                           | 62.5A  | 22.5 x 16 x 9                      | 85.0            |
| STF1000-27Y  | 100.0 | 2                                | 100A                          | 125A   | 22.5 x 16 x 9                      | 85.0            |
| STF2000-27Y  | 200.0 | 3/0                              | 200A                          | 250A   | 26.5 x 20 x 9                      | 110.0           |
| <b>Three-Phase Models (480V Delta)* Units are standard in NEMA 12 hinged enclosures</b>    |       |                                  |                               |        |                                    |                 |
| STF0150-48D  | 15.0  | 14                               | 15A                           | 18.75A | 15.5 x 12 x 6                      | 38.0            |
| STF0300-48D  | 30.0  | 10                               | 30A                           | 37.5A  | 15.5 x 12 x 6                      | 38.0            |
| STF0500-48D  | 50.0  | 4                                | 50A                           | 62.5A  | 22.5 x 16 x 9                      | 85.0            |
| STF1000-48D  | 100.0 | 2                                | 100A                          | 125A   | 22.5 x 16 x 9                      | 85.0            |
| STF2000-48D  | 200.0 | 3/0                              | 200A                          | 250A   | 26.5 x 20 x 9                      | 110.0           |

