

SOLUTIONS BY



MISSION CRITICAL FACILITIES  
DESIGN AND CONSTRUCTION

Covis Sdn Bhd

E-03-01, 1st Floor East Wing  
Subang Square Business Centre  
Jalan SS15/4G, 47500,  
Subang Jaya, Selangor

@ [www.covis-group.com/](http://www.covis-group.com/)  
lawrence.lai@covis-group.com

+603 5621 7780

+603 5621 7790



• 1 Year Warranty •



## Active Tracking Filter HiNergy Filter Series

### Features

- Two stages, high frequency noise filter and high-energy current diverter available from 5 Amp single phases to 1200 Amp three phase
- An ideal protection against surge, transients and noise on incoming AC power lines.
- Responds instantaneously to flatten dangerous surges and protect your investment.
- 15- 80kA Surge Protection
- 47- 63 Hz Line Frequency
- <0.5 ns Response Time
- Available in Units Noted from 15-1,200 Amps
- RMS Voltage Input Range: 105 to over 480 Volts
- Comes with one year warranty include labour and parts



### Performance Technical Specifications

<b>Part Number</b>	
<b>Input Voltage</b>	
	120VAC Single Phase, 240 VAC Single Phase
	120/240 VAC Single Split Phase
	120/208 VAC Three Phase Wye
	240 VAC Three Phase Delta
	277/240 VAC Three Phase Wye
	480 VAC Three Phase Delta
<b>Line Frequency</b>	47-63 Hz
<b>Connection Type</b>	Series Connected
	Barrier Strip Input And Output standard
<b>Modes of Protection</b>	Line to Neutral Standard, Other modes available
<b>Surge Current Rating</b>	15,000 TO 80,000 Amps
<b>Operating Temperature</b>	-40°C to +40°C @ Full Load
<b>Derate Linearly to</b>	60°C to +70°C
<b>Load Surge Current</b>	
10mSec	10 x Nominal
1 Sec	5 x Nominal
5 Sec	2 x Nominal
<b>Safety Approvals</b>	UL 1283, CUL



<b>ANS/IEEE C62.41 Category A Ring wave (6kV, 500A, 100kHz) Attenuation</b>	Normal Mode $\pm$ 5 Volts
<b>ANS/IEEE C62.41 Category B Ring wave (6kV, 500A, 100kHz) Attenuation</b>	Normal Mode $\pm$ 5 Volts
<b>50<math>\Omega</math>RFI/EMI Attenuation Normal Mode</b>	Minimum of 40dB and maximum Of 90dB from 3kHz to 150MHz
	Attenuation >50dB to the Surge withstand capability
	Ring wave (Cat. A&B)
<b>Mean Time Between Failure</b>	Greater Than 100,000 Hours (MIL 217)
<b>Packaging</b>	Single Phase units through 30Amps Housed in high-impact plastic enclosure Single Phase unit greater than 30 Amps And all split and three phase models Housed in NEMA 12 enclosure

\*Specification subjects to change without prior notice