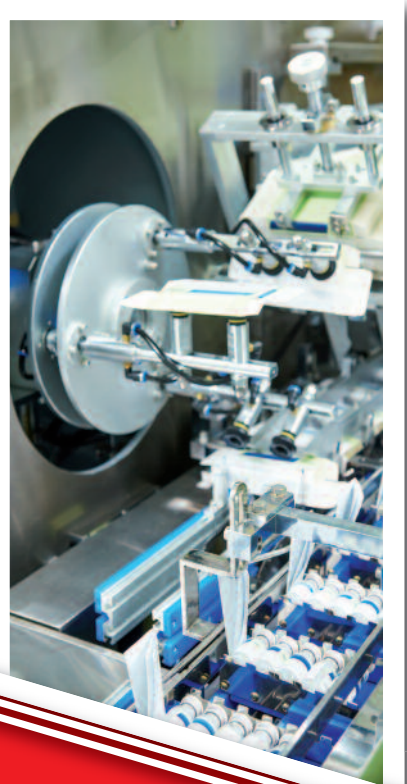




*Engineered by Finmotor*



**The EMC Solution**



The Enerdoor Group is an international leader in the development and production of electromagnetic solutions for automated and industrial machinery. The Group's broad range of products include EMI-RFI filters, motor protection, passive and active harmonic filters, surge arresters, line reactors, voltage stabilizers, and customized solutions.

Enerdoor offers a global distribution and research and development network that provides flat rate on-site CE compliance and safety testing required by IEC and EN Standards.

## EMI-RFI Filters

### Single phase filter

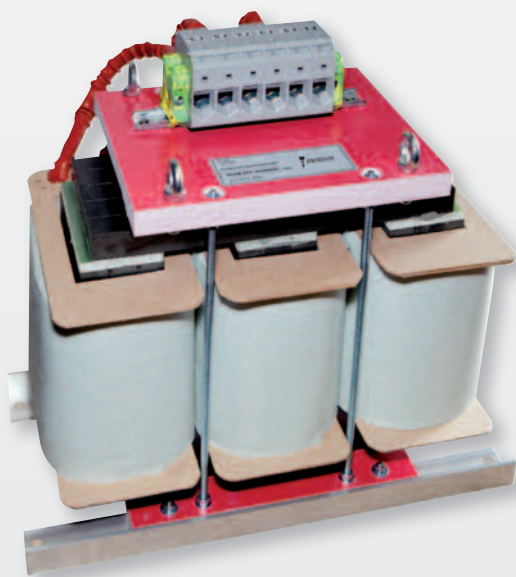
Nominal voltage up to 250 Vac  
Nominal current from 1 to 75A

### Three phase filter

Nominal voltage up to 750 Vac  
Nominal current from 5 to 3000A

### Three phase filter plus neutral

Nominal voltage up to 600 Vac  
Nominal current from 5 to 2000A



## Motor Protection

### High frequency inductance

Reference voltage up to 690 Vac  
Current frequency up to 5 kHz  
Rated output current up to 1000A

### Sine wave filter

Reference voltage up to 600 Vac  
Rated output current from 5 to 1100A

### Snubber

Reduces voltage peak on the motor



## Passive and Active Harmonic Filters

### Line reactor

Nominal voltage up to 600 Vac  
Nominal current from 1 to 1500A

### Passive filter

Nominal voltage up to 690 Vac  
Nominal current from 16 to 800A

### Active filter & Static var generator

Nominal voltage up to 690 Vac  
Nominal current from 25A  
Nominal compensation from 30Kvar

## Surge Arresters

### Class I, I+II, II, II+III

Nominal voltage up to 690 Vac (1200 Vdc)  
Surge capability up to 300 kA  
Visual and remote contact indicator  
DIN rail mounting



## Voltage Stabilizers

### Single phase stabilizer

Nominal voltage up to 277 Vac  
Rated power up to 320 KVA

### Three phase stabilizer

Nominal voltage up to 600 Vac  
Rated power up to 4000 KVA

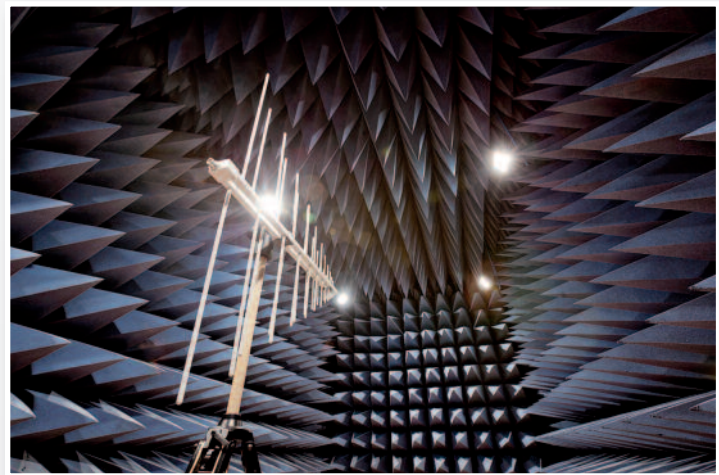


5★ ★ ★ ★ ★  
5 year warranty

## Testing, Support and Training Service

As an international leader in the development and production of EMI and power quality solutions for automated and industrial machines, Enerdoor additionally offers flat rate on-site CE compliance and safety testing.

- Features an anechoic chamber and R&D facility
- CE Certification including machinery, safety and low voltage Directive
- EMC mitigation for CE and FCC compliance
- Power quality testing
- Low and high frequency disturbance problem solving
- Technical CE reports and final certificates
- Technical training for the Directive
- Product safety consulting
- Risk assessment
- ATEX consulting
- Seminar and technical training



## Research & Development

- 30 years experience specializing in power quality and electromagnetic solutions
- Global manufacturing and R&D
- Design capability up to 10 GHz
- Custom solutions



## Enerdoor Offers On-Site CE Compliance and Safety Testing

Since 1992, Enerdoor has specialized in the measurement and analyses of EMC testing and CE Certification, providing on-site service to customers around the world through an efficient, global organization. Our flat rate testing service is unique in the industry, as is our pledge to not leave the facility until equipment is compliant.



### On-Site Compliance Testing

The CE mark is an international reference for industrial and residential electronic applications and includes the entire European Union including Turkey and Israel, FCC in the United States, CCC in China, VCCI in Japan, RCM in Australia & New Zealand, and KCC in South Korea.

Enerdoor's on-site CE Certification testing specializes in the measurement and analysis of electromagnetic compatibility of systems in accordance with the EMC, FCC Part 15 and Safety Directives. The CE Directive has been in force since January 1996 and dictates that all electric and electronic components in machinery and manufacturing plants must meet the minimum requirements as indicated by the Directive. Enerdoor also provides filter solutions to meet the conducted, radiated, and immunity test requirements.

### Mobile Laboratories

Enerdoor mobile laboratories are available for EMC measurements directly at manufacturing plants or at the end users facility.

- Comply equipment with the EMC Directive
- Consultation and support for EMC problem solving
- Provide final test reports for completed tests
- Radio frequency disturbance analysis for single machines or entire plants
- Problem solving for disturbance generated by machines used in the manufacturers plant
- Harmonic distortion analysis and solutions
- Disturbance analysis and solutions for the manufacturing plant and end user





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