Power Line Filters

We offer a wide range of filters, from 10 series basic grade to 90 series military grade. Our filters are designed to meet the needs of a variety of applications, from residential to industrial.

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Power line filters are devices that help reduce the interference and noise in electrical circuits caused by electromagnetic sources. They are often used to improve the performance and reliability of electronic equipment, such as computers, TVs, radios, and medical devices. Power line filters can also protect sensitive devices from voltage spikes and surges that may occur in the power grid.

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REASONS TO BUY

- A power line filter can help you reduce the interference and noise in your electrical circuits, which can improve the performance and reliability of your electronic devices. This can also prevent data loss, signal distortion, and device malfunction.

- A power line filter can protect your devices from voltage spikes and surges that may occur in the power grid. These can damage or destroy your devices, especially if they are sensitive or expensive. A power line filter can absorb or divert the excess voltage and keep your devices safe.

- A power line filter can control the equivalent series resistance (ESR) of capacitors in your DC circuits. This can improve the efficiency and stability of your power converters and inverters, which can save you energy and money.

- United Automation is a leading manufacturer and supplier of power line filters for various applications. We offer a wide range of products, such as EMI/RFI filters, surge protection filters, and controlled ESR filters. They also provide custom solutions for your specific needs.

- United Automation has over 50 years of experience in the industry and has a reputation for quality and innovation. We use advanced technology and materials to produce high-performance and durable power line filters. We also have a team of experts who can assist you with technical support and after-sales service.

If you are interested in buying a power line filter from United Automation, you can visit their website or contact their sales team. We will be happy to help you find the best product for your requirements.






APPLICATIONS

- **Military/Aerospace Systems:** Power line filters can be used to protect sensitive and critical equipment from electromagnetic disturbances and voltage surges in harsh environments. This can enhance the performance and reliability of these systems.

- **Medical Equipment:** Power line filters can be used to ensure the proper functioning and safety of medical devices such as MRI scanners, X-ray machines, and pacemakers. This can prevent data corruption, signal degradation, and device malfunction that may affect the health of patients.

- **Computers:** Power line filters can be used to prevent high-frequency signals from reaching or leaving the computer circuits. This can prevent data loss, signal distortion, and device malfunction that may affect the operation and security of the computer.

- **Energy Management Systems:** Power line filters can be used to improve the efficiency and stability of power converters and inverters that are used in renewable energy sources such as solar panels and wind turbines. This can save energy and money.

- **Automotive Battery Charger:** Power line filters can be used to control the equivalent series resistance (ESR) of capacitors in DC circuits that are used to charge electric vehicles. This can improve the charging speed and battery life of the vehicles.

- **Industrial Equipment:** Power line filters can be used to reduce the noise and interference in machines and tools that operate on AC or DC power supply, such as motor drives, induction cookers, and food service equipment. This can improve the quality and durability of these equipment.

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Our Ranges

Single Phase Chassis Mount EMI/RFI filter

Series: EN2010
Fast on

Rated Current: 6A, 10A, 13A, 16A, 20A, 30A

Series: EN2030
Fast on

Rated Current: 10A, 16A

Series: EN2060
Fast on

Rated Current: 16A

Series: EN2070
Screw

Rated Current: 36A

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Our Ranges

Single Phase Chassis Mount EMI/RFI filter

Series: EN2080
Fast on

Rated Current: 12A, 16A

Series: EN2090
Fast on

Rated Current: 3A, 6A

Three phase Chassis Mount EMC/RFI filter

Series: EN328H

Rated Current: 36A, 64A

Series: EN358

Rated Current: 16A, 30A, 100A

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Need help deciding?

If you would like additional information, please contact us.

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