# What does PFC mean in uninterruptible power supply



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Generated on: 2026-04-04 17:27:43


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Power factor is defined as the ratio of energy a device is capable of transmitting to the output versus the total amount of energy it takes from the input power source.

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Power factor correction (PFC) describes various methods that correct low power factors. For example, manufacturers can add reactive ...

The Power Factor of a power supply is technically the ratio of the real power consumed to the apparent power (Voltsrms x Ampsrms) and is a decimal between 0 and 1.0.

A power factor correction (PFC) circuit is added to a power supply circuit to bring its power factor close to 1.0 or reduce harmonics. This application note discusses the basic topologies of the ...

Power factor correction (PFC) is the set of mechanisms built into a power supply circuit to raise the power factor (PF). PFC is commonly incorporated into computer power ...

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Power factor is defined as the ratio of energy a device is capable of transmitting to the output versus the total amount of energy it takes from ...

Power Factor Correction (PFC) is essential in power supply units (PSUs) and electronic device design. Particularly for devices with significant power draw or those subject to stringent ...

Basically, power factor correction helps to optimize the input current within off-line power supplies so that these are able to enhance ...

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Power factor correction (PFC) describes various methods that correct low power factors. For example, manufacturers can add reactive components that increase the total ...

Basically, power factor correction helps to optimize the input current within off-line power supplies so that these are able to enhance the real power from the available mains input.

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