
The solution to common voltage problems? A reliable, adaptable Active Voltage Conditioner.

PCS100 AVC-40



ABB's PCS100 AVC-40 is fully adaptable, highly efficient and simple to install and maintain. It takes power protection to a whole new level.



Sustainability - Reduced CO2

The race for 'greener' businesses and therefore products and solutions is ramping up. PCS100 AVC-40 is a product that is highly efficient and has reduced CO2 emissions over its lifespan, in comparison to similar solutions.



Reduced Total Cost of Ownership

The PCS100 AVC-40 has a design lifespan of fifteen years. This, paired with the PCS100 AVC-40's ability to offer small kVA blocks that can provide tailored solutions to loads assists with reducing TCO.



Flexible with a small footprint

A small footprint provides serious flexibility, especially where space tends to be highly valuable.



Extensive industry know-how

ABB has 20+ years' experience and knowledge in the power conditioning field, guaranteeing customers a partner with deep know-how about the best solution for their needs.

PCS100 AVC-40 offering

From effortless installation to industry-leading innovation, explore how your business can harness its exceptional performance.

98% efficiency

With industry leading efficiency exceeding 98 percent the PCS100 AVC-40 requires minimal costs for electricity and cooling. With no energy storage the ongoing maintenance cost is reduced, resulting in lower total cost of ownership.

Up to 3600 kVA

The product has been developed for both the IEC and UL market, with power ranges up to 3600 kVA.



Improve operation

The PCS100 AVC-40 regulates the voltage, removing long term undervoltage, overvoltage and voltage imbalance to reduce waste and damage to the expensive equipment.

Protect your equipment

The PCS100 AVC-40 helps to minimize the undue stress to the equipment within a facility, thus increasing the lifetime of the equipment and protecting it against long term undervoltage, overvoltage or voltage imbalances.

Small footprint

Industry leading power density.

Reliable operations

10-years intervals between intrusive maintenance. ABB's Ability™ Realtime monitoring for maximum uptime.

Reduction of CO2 emissions

CO2 emissions reduction throughout the lifespan of the product.

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