
The power quality solution for U.S. pharmaceutical manufacturers is here

PCS100 AVC-40 Active Voltage Conditioner



ABB's PCS100 AVC-40 maintains voltage to critical equipment in demanding pharmaceutical operations. We deliver the power that helps the world stay healthy, taking power protection to a whole new level.

Plant productivity

Continually compensates for voltage sags and fluctuations and corrects phase imbalances to critical loads. Protects sensitive process equipment from voltage sag events imposed by the power network.

Flexible with a small footprint

With its compact footprint and range of available options, the PCS100 AVC-40 provides exceptional flexibility, making it an ideal solution for applications where space is premium. Also, multiple power ranges and system configurations ensure optimal performance without sacrificing valuable space.

Reduced total cost of ownership

The PCS100 AVC-40 has a design lifespan of 15 years. This, paired with the battery free operation, the PCS100 AVC-40 requires minimal maintenance throughout its service life, and therefore delivers the lowest TCO option available.

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.



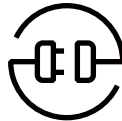
PCS100 AVC-40 offering

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.



Connectivity options:

- Ethernet
- Modbus TCP
- Integrated web server
- Onscreen power event tracking
- E-mail notifications



Up to 3600 kVA

The product has been developed for both the UL & IEC markets, with power ranges up to 3600 kVA



Fast correction

Responds in 250 microseconds with full correction in 8 milliseconds



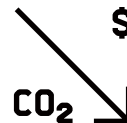
Protects your equipment

The PCS100 AVC-40 minimizes the undue stress to equipment due to power quality events, thus increasing the lifetime of the equipment and protecting it against long term undervoltage, overvoltage or voltage imbalances.



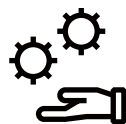
Improves operation

The PCS100 AVC-40 regulates the voltage, removing long term undervoltage, overvoltage and voltage imbalances to reduce scrap, waste and damage to sophisticated tools and equipment.



Sustainability – reduced CO2

PCS100 AVC-40 is a product that is highly efficient and has reduced CO2 emissions over its lifespan, in comparison to similar solutions.



Reliable operations

Minimal maintenance required due to modular design and battery-free operations.