

FACTSHEET

PCS100 AVC-40

Continuous sag and surge protection



The PCS100 AVC- 40 Active Voltage Conditioner is designed for sag and surge correction in commercial and industrial applications supporting customers in process critical segments such as Food & Beverage. PCS100 AVC-40 is available in load capacities from 150 kVA to 3600 kVA.

- Continuous protection from the most common utility voltage problems found in modern power networks
- Failsafe worry free operation even in harsh electrical environments
- Faster return on investment due to low operation costs
- Available in load capacities from 150 kVA to 3600 kVA with higher ratings available on request.



Customer benefits

Savings

- High efficiency 98%* - save more than £120k in energy consumption over 10 years vs. alternative technology
- Small footprint – 50% less space* versus UPS & battery
- Reduce the cost of sag events by more than 95% - saving around half a million \$\$\$\$1 per year in unplanned stoppages
- Reduce replacement equipment cost and downtime

Lower environmental impact

- No energy storage – no maintenance on batteries or expensive replacement costs
- Reduce maintenance cost by 80% – maintenance only needed once every 5 years

Continuous power protection

- Designed for industrial loads such as transformers, motors, VSD's and PLC's
- Instant operation with correction in less than 10ms
- Reduced damage of sensitive equipment due to voltage surges

1 Example taken from a bottling plant which had more than 20 events per year each costing the customer around 25k per event

* Typical values in comparing 400kW UPS with 450kVA AVC

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