



Unlock the potential of true energy efficiency

PowerLogic AccuSine™ EVC+

Electrical networks are changing dramatically

Tomorrow's power quality problems cannot be solved with yesterday's solutions. Traditional, capacitor-based, power factor correction solutions are not designed to support our customers' ambition towards Electricity 4.0 and Net Zero with fast-changing loads, hypersensitive electronics and distributed energy resources (DER). This risks regulatory noncompliance, higher maintenance costs, and unplanned downtime with substantial, unexpected operational costs.

Modern electrical systems require the stepless power factor correction of the PowerLogic AccuSine EVC+. With accuracy within 1 kvar and instantaneous reactive power control, PowerLogic EVC+ responds to load changes within 25µs. The end result for the customer is a stable, reliable and perfect power factor with no voltage imbalance, even in the most harsh dynamic load conditions.

Not your typical power factor correction system

In addition to providing superior performance for power factor correction for leading and lagging VAR control, PowerLogic AccuSine EVC+ can mitigate harmonics currents commonly seen in commercial and industrial applications (5th, 7th, 11th and 13th).

Fast to deploy, easy to expand

Proprietary AccuSine paralleling algorithm for intelligent functionality, so you can configure the entire system from any one unit.

Improve energy efficiency, increase savings immediately

Onboard wizard, automatic CT calibration for simple commissioning. Modular design to help ensure uptime and equipment reliability. On-target, stepless correction that complies with utility regulations.



Improve reliability and operational efficiency



Ensure quality and power availability



Optimize energy efficiency and savings



Support sustainability, emissions targets

≤ 300 lbs

CO₂ / kvar reduction over PowerLogic EVC+ lifespan

Based on correcting facility Power Factor from 0.70 - 0.95 with a 5000 kVA service over 15 yrs.

Designed for your needs *

Various enclosure rating

- Protection against water and dust ingress

Touchscreen HMI

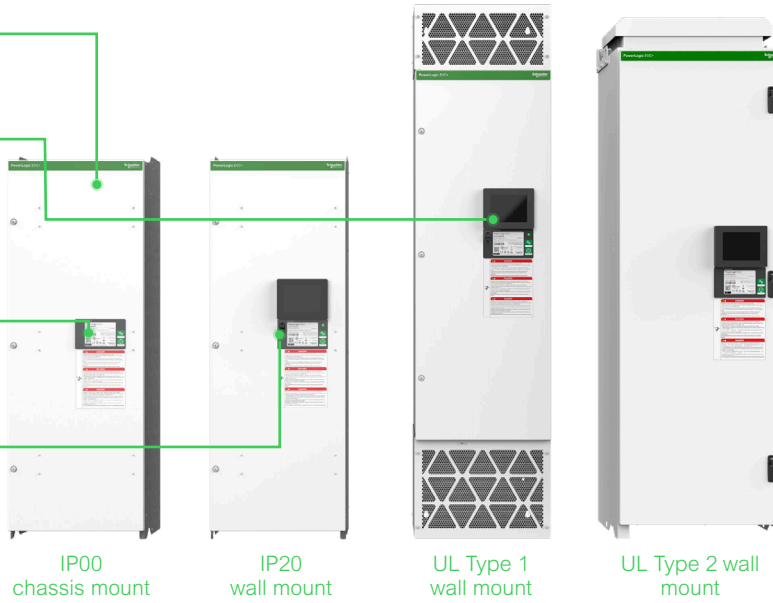
- Field-tested user interface
- Inbuilt waveform capture
- Setpoints configuration
- Commissioning wizard

QR code

- Quick access to supporting field documentation and digital logbook

USB communications port

- Firmware upgrades
- Download commissioning report, diagnostic files



Thermal reliability

- Dynamic cooling for optimized efficiency
- Withstand up to +50°C without derating
- Maximum ambient temperature +53°C

Reliable and robust

- Connectivity-ready
- Cybersecure
- Seismically tested to 2.47g
- Built-in EMC filter
- THDv ≤ 15% withstand

Certifications & Compliance

- CE, RCM & UKCA
- UL & CSA
- DNV & ABS
- HCAI (OSHDP)
- IEC 61439-1 & 2

Commercial references *

| Part number | Range | Description | Voltage rating | Power rating 208V | Power rating 380-480V | IP rating |
|---------------|--------------------------|--|----------------|-------------------|-----------------------|----------------|
| EVCP075D5CH00 | Chassis for OEM cabinets | PowerLogic AccuSine EVC+ 75kVAR 208-480V IP00 chassis | 208 to 480 V | 41 kVAR | 75 kVAR | IP00 / UL OPEN |
| EVCP075D5W01 | Wall mount | PowerLogic AccuSine EVC+ 75kVAR 208-480V UL1 wall mount | | | | UL Type 1 |
| EVCP075D5W02 | | PowerLogic AccuSine EVC+ 75kVAR 208-480V UL2 wall mount | | | | UL Type 2 |
| EVCP100D5CH00 | Chassis for OEM cabinets | PowerLogic AccuSine EVC+ 100kVAR 208-480V IP00 chassis | 208 to 480 V | 55 kVAR | 100 kVAR | IP00 / UL OPEN |
| EVCP100D5W01 | Wall mount | PowerLogic AccuSine EVC+ 100kVAR 208-480V UL1 wall mount | | | | UL Type 1 |
| EVCP100D5W02 | | PowerLogic AccuSine EVC+ 100kVAR 208-480V UL2 wall mount | | | | UL Type 2 |

| Part number | Weight (lbs) | Height (in) | Width (in) | Depth (in) |
|---------------|--------------|-------------|------------|------------|
| EVCP075D5CH00 | 225 | 52.56 | 19.88 | 12.60 |
| EVCP075D5W01 | 252 | 70.87 | 22.44 | 12.60 |
| EVCP075D5W02 | 368 | 69.49 | 23.62 | 16.54 |
| EVCP100D5CH00 | 225 | 52.56 | 19.88 | 12.60 |
| EVCP100D5W01 | 252 | 70.87 | 22.44 | 12.60 |
| EVCP100D5W02 | 368 | 69.49 | 23.62 | 16.54 |

se.com

Life Is On

Schneider Electric

Schneider Electric
135 Rue Joseph Monier - CS 30323
92506 Rueil-Malmaison, Cedex

©2022 Schneider Electric. All Rights Reserved. Life Is On Schneider Electric is a trademark and the property of Schneider Electric SE, its subsidiaries and affiliated companies. All other trademarks are the property of their respective owners. • 998-22350654_GMA