

## Power Electronic Capacitors

### APPLICATIONS

- Hybrid/electric vehicles
- Solar&Wind power plants
- Railways and turbines
- Uninterruptible power supplies (UPS)
- Welding equipment
- Frequency inverters



**DC link capacitors**

- ▶ Used in DC-link circuits, can replace electrolytic capacitor
- ▶ Low ESR (high ripple current)
- ▶ Low ESL
- ▶ Self-healing properties
- ▶ Long lifetime
- ▶ Aluminium case, filled with epoxy resin



**High power & High density DC link capacitors**

- ▶ For harsh environment
- ▶ Self-healing properties
- ▶ High ripple current
- ▶ High reliability
- ▶ Very low losses



**DC link capacitors – Type DC link EV**

- ▶ Metallized self-healing PP
- ▶ Low ESR (high ripple current)
- ▶ Low ESL
- ▶ Long lifetime

## Power Electronic Capacitors

### APPLICATIONS

- Industrial equipment
- Car electronics
- Switching mode power supplies (SMPS)
- Induction heaters
- DC filtering applications
- AC motor drives



**Snubber capacitors**

- ▶ High voltage
- ▶ High pulse load capability
- ▶ Self-healing properties
- ▶ Low self-inductance
- ▶ Low dissipation factor of dielectric
- ▶ Terminal options for direct mount or board
- ▶ High insulation resistance



**AC/DC general purpose capacitors**

- ▶ AC/DC voltage
- ▶ Self-healing properties
- ▶ High reliability
- ▶ Cylindrical aluminium case with plastic self-extinguishing sealing cover
- ▶ Overpressure disconnecter
- ▶ Tinned brass screw



**AC filtering capacitors**

- ▶ Self-healing properties
- ▶ High ripple current
- ▶ High reliability
- ▶ Low losses
- ▶ Small dimensions
- ▶ Designed for PCB mounting