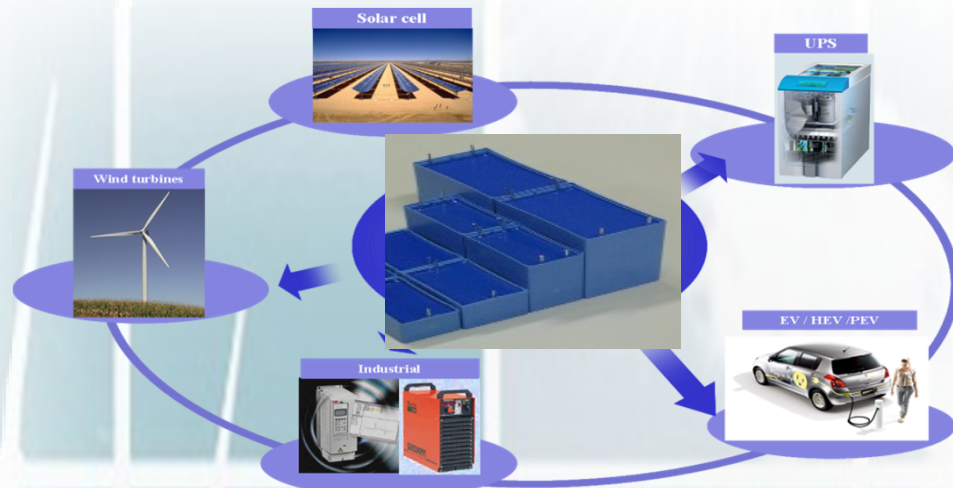




# Power Electronic Capacitors

## PCPW 245 SERIES DC-Link

Power Electronic Capacitors



### KEY TECHNOLOGY

- ❖ High CV product ( 1uF to 150uF ; 450V to 1100V )
- ❖ Long useful life time ( >100,000h, at  $U_{NDC}$  and 70°C )
- ❖ High ripple current capabilities ( up to 25A )
- ❖ Excellent self-healing properties
- ❖ Over voltage capability
- ❖ Operating temperature up to 105°C

### APPLICATION

- ❖ Renewable energy sources such as solar inverter / wind-turbine inverter
- ❖ On-board chargers for hybrid electrical vehicles
- ❖ Industrial and high-end power supplies
- ❖ High performance DC-filtering application

### QUICK REFERENCE DATA

Dielectric	Metallized polypropylene
Capacitance range	Up to 150uF
Capacitance tolerance	5% / 10%
Lead spacing	27.5mm / 37.5mm / 52.5mm
Rated voltage range	450Vdc / 700Vdc / 900Vdc / 1100Vdc
Temperature range	-40°C ~ +105°C
Life time expectancy	100,000 hours at VR , 70°C
Reference	IEC 61071
Potting & Encapsulation material	Qualified in accordance with UL94V-0