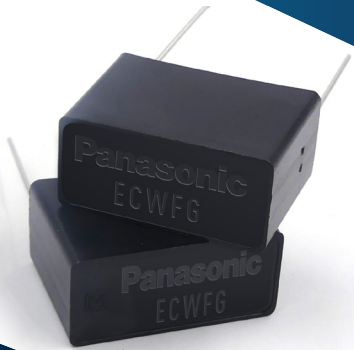


# PFC/Smoothing/Filtering Capacitors ECWFG

**Panasonic**  
INDUSTRY



## High safety & high reliability with built-in fuse function

Panasonic's original in-house patterned metallization process achieves a very stable capacitance level over the capacitor's lifetime and therefore guarantees a high reliability for your product. The patterns serve as a fuse mechanism function that prevents catastrophic short mode failure. Furthermore, long life time is realized by high temperature & moisture resistance using originally developed exterior material. This series is ideal for xEV applications and solar PV inverters.

## Key Features

- Rated voltage 630VDC, 700VDC, 800VDC and 1100VDC
- 1 $\mu$ F to 8 $\mu$ F ( $\pm$ 5%,  $\pm$ 10%)
- -40°C to 110°C
- AEC-Q200 Compliant
- Built-in fuse function
- High thermal shock resistance
- High moisture resistance
- Small case sizes
- Flame retardant plastic (case and sealing resin)



### xEV related application

- Input & output filtering for charging station
- Input filter for on-board charger
- DC/DC, AC/DC Converters



### Industrial

- Input & output filtering for industrial power supplies



### Renewable energy

- Solar inverter



For further Information, please contact [capacitor@eu.panasonic.com](mailto:capacitor@eu.panasonic.com)