

Panasonic Industry solutions for EV charger

【Benefit Points】

Film Capacitor, Resistor, ZNR Surge absorber, GraphiteTIM

Film Capacitor



x 8

Conventional AL Lytic
450 WV

at PFC output
DC Link

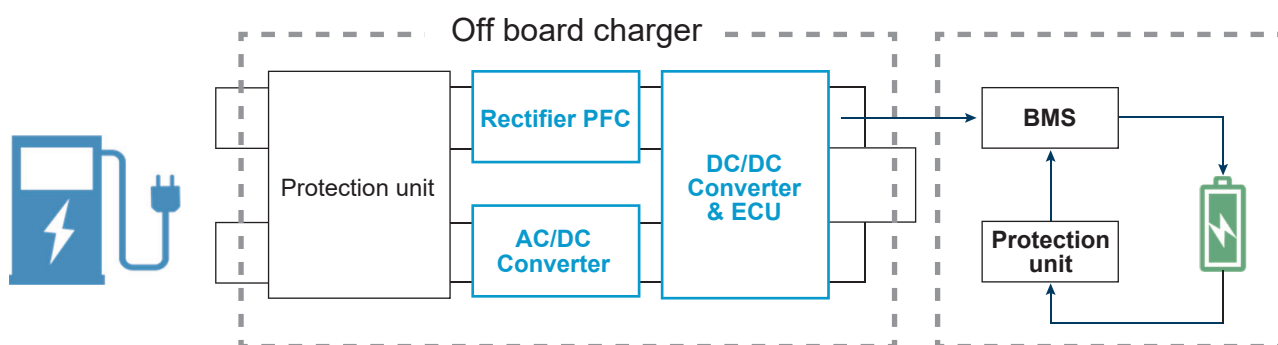


x 2

Our company
Film Cap 1100 WV

Enable Design Innovation

- ✓ Space less
- ✓ Cost less
- ✓ Reliability



Resistor

Supporting gate driver circuit

- ✓ Anti-Surge / Pulse

Gate resistor



ERJP*, ERJT*, ERJB/D* series

- ✓ Superior heat dissipation by Wide-terminal



ERJB/D* series

- ✓ Harsh-environment for Anti-sulfur series

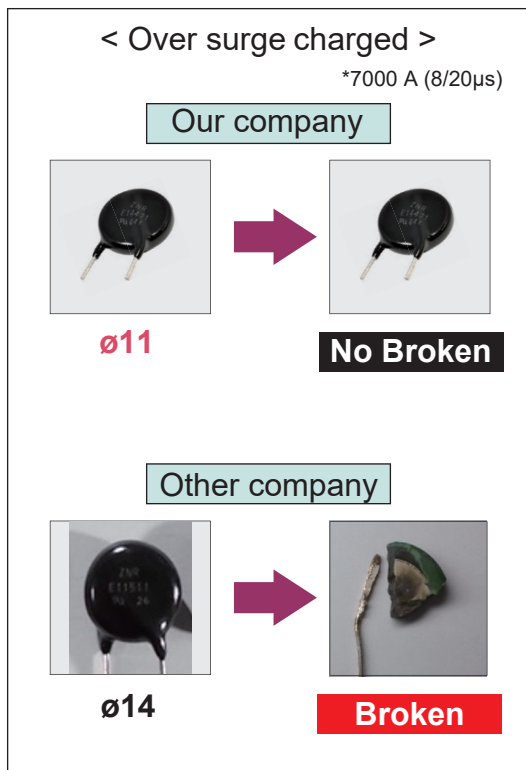
ERJU/UP* series : Thick film resistor

ERJC* series : Thick film resistor, Wide-terminal

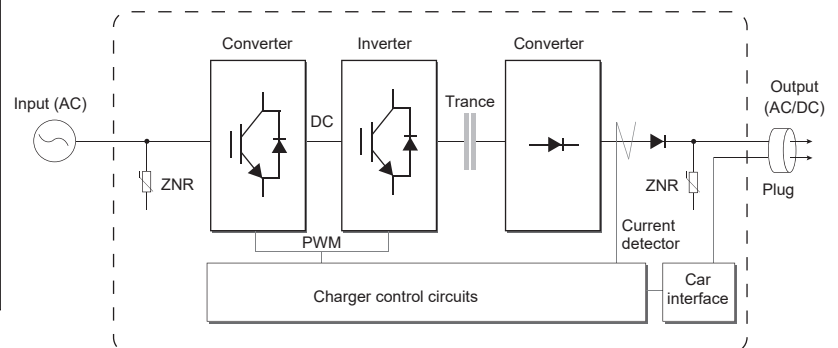
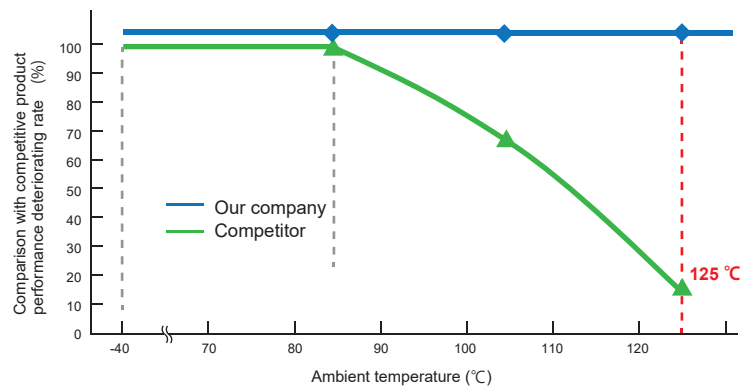
ERA*/V/K/P series : Thin film resistor

ZNR Surge absorber

Safety secured with miniaturization



✓ 125 °C model available



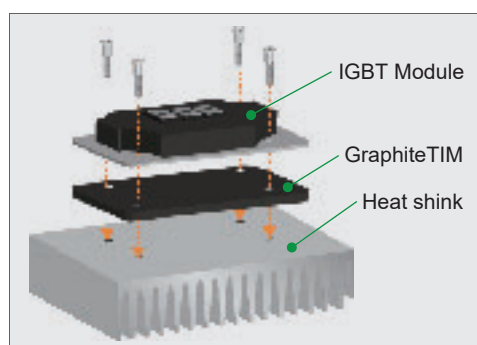
GraphiteTIM

Still use Grease?

✓ Low thermal resistance

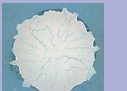


✓ Easy install

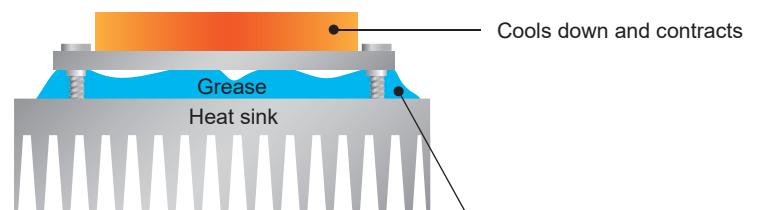


✓ High Reliability

(Pump out test -40°C ⇄ 100°C)

Material	Initial	120 times	Deterioration (Resistance)
Grease			NG
GraphiteTIM			OK

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