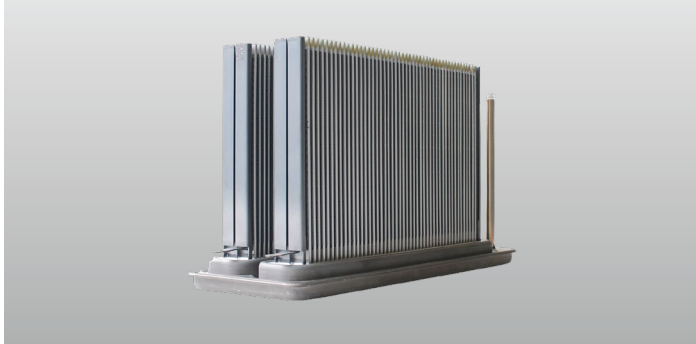




SOLID OXIDE FUEL CELL STACK ENERGY-EFFICIENT POWER GENERATION



APPLICATIONS

- ▶ Residential and small commercial cogeneration units
- ▶ Backup power source for communication base stations, traffic lights and pipeline monitoring

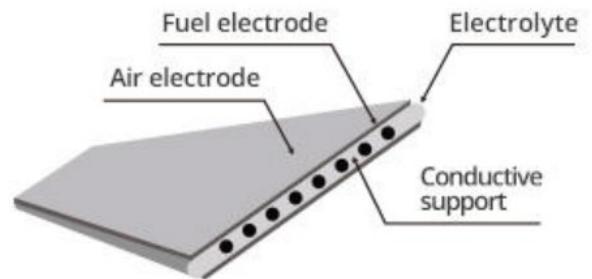
FEATURES

- ▶ More than 200,000 units in the market (since 2012)
- ▶ Approximately 90,000 hours of continuous operation and 360 operation cycles (*equivalent of 12 years)

DESIGN SPECIFICATIONS

Size	L: 260 mm W: 120 mm H: 190 mm
Output power	700 W
Rated total efficiency	55 % (LHV)
Rated generating efficiency	87 % (LHV)
Weight	5 kg

Cylindrical flat plate cell



SOFC cell structure