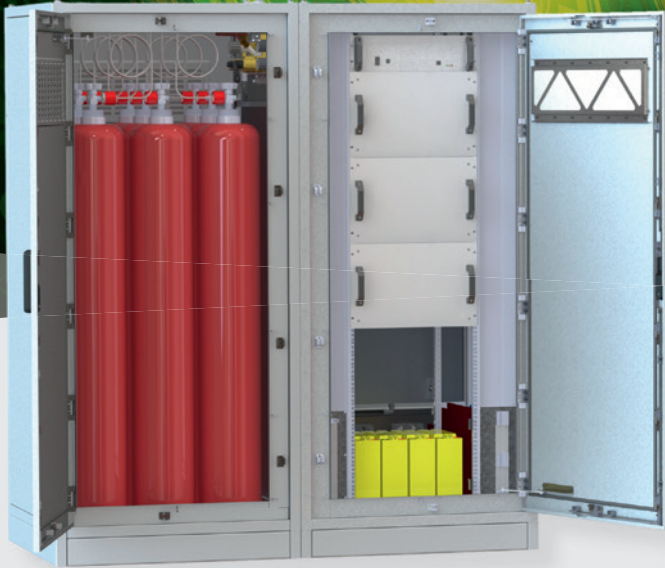


FUTURE E EPS – EMERGENCY POWER SUPPL FOR A PRODUCTIVE SOCIETY

Reliable. Secure. Emission free.



info@future-e.com

+49 (0)7022 789602-0

Scalable and flexible fuel cell backup power system

to protect your critical infrastructure

Hydrogen - excellent performing:

- Modular expandable performance
- Backup times of up to 72 hours and more
- Flexible application scenarios due to configurable power electronics
- Uninterrupted as UPS or as mains backup
- Extending the capacity of existing batteries or UPS systems
- Specific customer configurations with AC and/or DC systems



Mobile network



Business and Industry

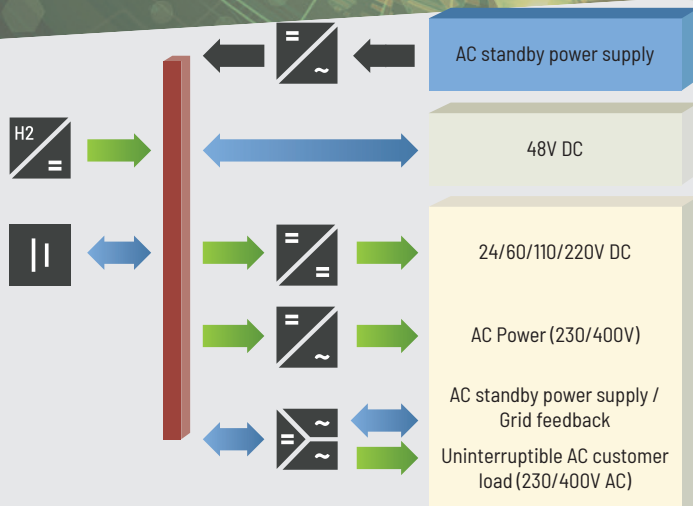


Infrastructure

MORE POWER.

More Flexibility.

Electrical
customer interface



The FutureE EPS-system combines the functionality of an uninterruptible power supply with the bridging time of a mains backup system. Perfect for critical applications and flexible in terms of expansion. With our solution, you are well prepared for long power blackouts - and protect the environment at the same time.

Technical Specification

Dimension (h x w x d)	2 x 0,9 ... 4,6 x 0,9 m
IP-protection class	IP 53 (FC cabinet) / IP 23 (gas cabinet)
Vandalism	Optional RC2
Ambient temperature	-20 bis +50 °C
FC module power	2,5 kW/module @ 48V
Capacity gas cabinet	144 kWh_el/cabinet @300bar (max. up to 575 kWh)
Fuel	Hydrogen 3.0
Fuel consumption	60g / kWh
Electrical DC-system efficiency	47,2 %
Nominal power supply/voltage	1000W@48 V DC or 230 V AC

DC-systems

DC-voltage	24V	48V	60V	110V	220V
Nom. DC-current	200A	200A	120A	65A	32A
max. DC-power	4,8 kW	10 kW	7,2 kW	7,2 kW	7,0 kW

AC-systems

USV-systems

	230V/1-P	400V/3-P	230V/1-P	400V/3-P
AC-voltage	230V/1-P	400V/3-P	230V/1-P	400V/3-P
AC-current	30 A	11 A	30A	11A
nom. power (VA)	7,5 kVA	7,5kVA	7,5 kVA	7,5 kVA
nom. power (W)	6,75 kW	6,75 kW	6,75 kW	6,75 kW

FutureE GmbH

Hohes Gestade 8
D-72622 Nürtingen

✉ info@future-e.com

☎ +49 (0) 7022 789602-0



More information:

future-e.com/en/eps