

## **Data sheet Hydrogen CHP**

Our combined heat and power units (CHP) are available in various designs. The energy carrier is hydrogen, as an optional alternative methanol can also be used as a fuel.

A PEM fuel cell is used as the core element.

It converts the hydrogen into electricity and heat.

Both can be used via the classic power and heat coupling method.



Figure 1: Model BHKW 36

## **Applications**

- Regular power generation
- Emergency power
- Power and heat coupling (70/ 55 °C)
- Peak shaving

## **Technical data**

Model series	Max. electr. out- put [kW]	Technology	Version	Maße L x H x W [mm]
BHKW-H 5	5	PEM	Cabinet system	2400 x 1900 x 950
BHKW-H 36	36	PEM	Cabinet system	2400 x 1900 x 950
BHKW-H 72	72	PEM	Compact system	2850 x 1400 x 950
BHKW-H 144	144	PEM	Compact system	10 ft ISO Container
BHKW-H 180	180	PEM	Compact system	20 ft ISO Container
Large-scale systems	On request	On request	On request	On request

## Your benefits

- Full partial load capability 5-100%
- Robust industrial design
- No hazardous chemicals
- Quick start capability

- Plug- and-Use-systems
- No noise und no harmful emissions
- Very low maintenance