



Arctic Power
Zero-Emission Heat and Power

FACT SHEET

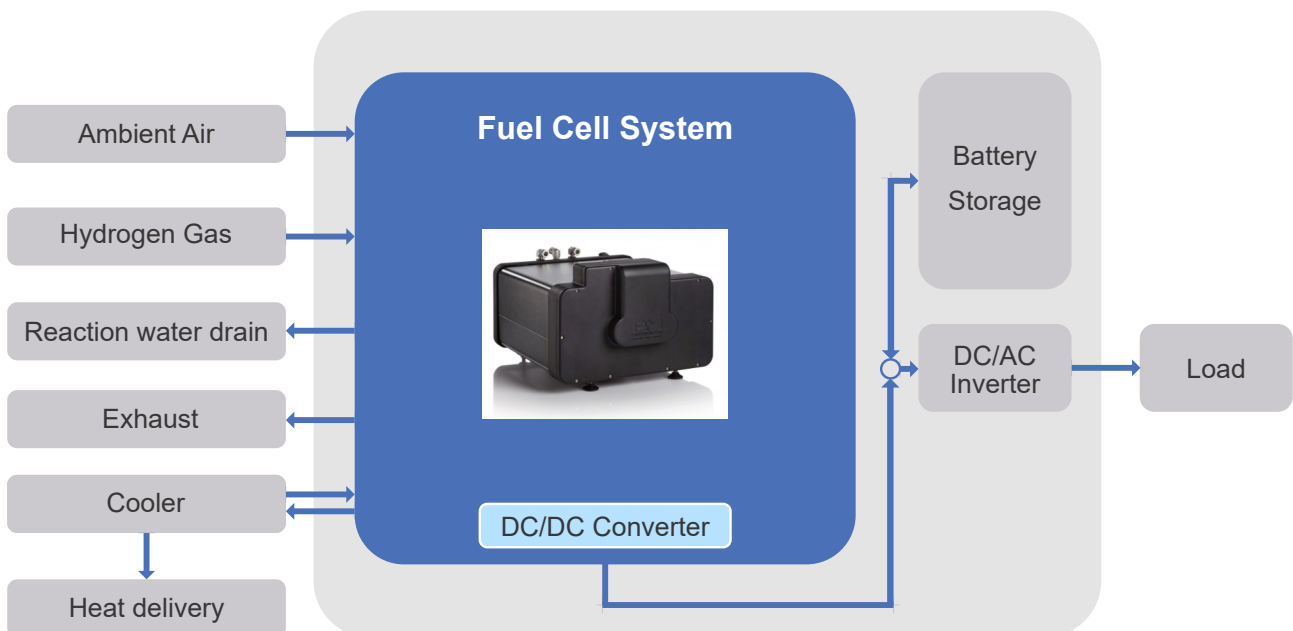


Arctic Power 20ft

Turnkey Solution for Off-Grid Heat and Power

- Fuel cell system consists of one or two 100kW PEMFC's
- Integrated battery system for extended heat and power delivery
- Installed battery systems buffers load fluctuations and power-peaks
- Containerized system enables easy transport and location-independent operation

Block Diagram of ArcticPower 20ft



KEY FACTS

Installed Fuel Cell Power*

Max. 125 kW

Battery Storage

Min. 60 kWh

Output voltage

220/400V_{AC}

Output heat

100 kW

Hydrogen Quality

ISO 14687:2019 (Type I, Grade D) / SAE J 2719

Hydrogen Supply Pressure

6-9 barg

Hydrogen Consumption

Max. 7 kg/h

Ambient Temperature

-20 to +40 °C

Humidity

< 95 % r.H. (non condensing)

Dimensions

LxBxH 5.87 x 2.33 x 2.35 m

* BoL, before DC/DC, w/o BoP

Specifications are subject to change without notice. Specifications and descriptions in this document were in effect at the time of publication. Arctic Power AS reserved the right to make changes at any time

Arctic Power AS

Sentrum 2

NO-3135 Skoppum

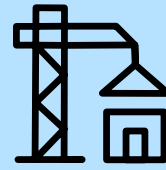
Norway

Phone: +47 900 25 284

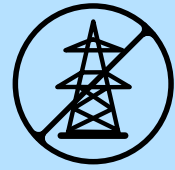
E-mail: tas@arcticnor.no

Web: www.arcticpower.no

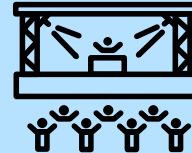
APPLICATION AREAS



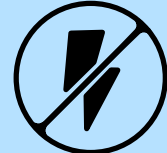
Construction Sites
and Industry



Off-grid Power
Supply



Festivals and
Concerts



Emergency
Power Supply



Unit deliveries

• Heat

Arctic Power can supply up to 100kW of heat for industrial applications or for heating of worker accommodation and recreational areas.

• Essential Power

Arctic Power supplies both 220 and 400V to power essential equipment and tools.

• Clean water

Arctic Power produces clean water as a by-product from the power production. The water can be consumed or used for cleaning, such as in hand- or boot washing stations.

ARCTIC POWER