

GLOBE XLP80 Fuel Cell Unit for intralogistics

 **Globe** | Fuel Cell
Systems



GLOBE Fuel Cell Systems is a German GreenTech Company

Founded in December 2020, GLOBE has its origins in the fuel cell research department and the innovation lab of Mercedes-Benz. We are driven by delivering GLOBE fuel cell systems in automotive quality to our costumers.

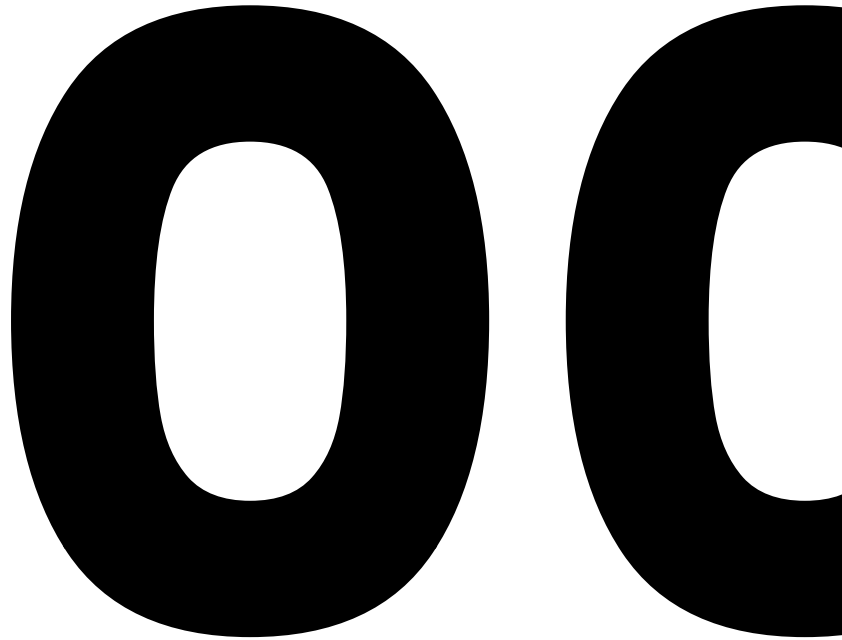


Designed for

200



20.000 Operating Hours





Dashboard



Overview >



Berlin Warehouse



Stuttgart Warehouse



Düsseldorf Factory



EN

Last Refresh - Today 15:25



Refresh

Overview

Welcome Hans



105

In use

0

Malfunctioned

1

Offline

32

Out of use

137

All units

Data Driven

Our dedicated DataCore offers customers enhanced monitoring and data driven services that increase fuel efficiency, productivity and uptime. These services are based on constant connectivity, latest data science and machine learning algorithms.

Electric Output

> 60 kW	Peak Power (5 s)*
55 kW	Peak Power (10 s)*
35 kW	Peak Power (30 s)*
30 kW	Peak Power (5 min)*
25 kW	Peak Power (20 min)*
11 kW	Nominal Output Power

Up to 65 kW	Peak Input Power (recuperation)*
11,8 kWh	LI-Battery Nominal Energy
148 Ah	LI-Battery Nominal Capacity

*at room temperature conditions

System Dimensions

1027 mm

Length

852 mm

Width

764 mm

Height

Substitute for Battery

80 V 5 PzS

775 Ah DIN A

Tank and Fuel

Fuel Type	Hydrogen Fuel SAE J2719_201511 compliant
Fuel Tank Pressure	35 MPa (350 bar) at 15 °C
Hydrogen Content	1,8 kg
Fuel Tank Volume	68 l
Fuel Tank Certification requirement	ISO 9809-1:2020 and ISO 19881:2018-10



Our GLOBE XLP80 is truly made in Germany – Stuttgart.

We are GLOBE Fuel Cell Systems



our
Let's rethink ~~the~~ future together