

# Preliminary Data Sheet: H<sub>2</sub>PowerPack X50

## Emission-free power unit based on hydrogen fuel cell technology



### H<sub>2</sub>PowerPack X50

With the H<sub>2</sub>PowerPack X50, SFC Energy introduces a new hydrogen fuel cell product family and expands the product portfolio towards higher output power ranges.

With its plug & play connections, the new energy solution makes green energy easily available for off-grid power applications or back-up power installations.

### Specifications

### H<sub>2</sub>PowerPack X50

Fuel cell technology	PEM, liquid cooled
Nominal power output	50 kW
Peak power output (depending on state of charge of battery)	66 kW
AC output	CEE 125 A, 400 V AC, 3 Phase, 50 Hz
AC input (setup as back-up power source)	CEE 125 A, 400 V AC, 3 Phase, 50 Hz
Hydrogen fuel specification, gaseous	SAE J2719:2020, ISO 14687:2019 Type I Grade D
Hydrogen consumption	Ca. 1.1 kg/h @ 20 kW
Maximum inlet pressure level	300 bar
Battery capacity	8 kWh
Operating temperature <sup>1</sup>	-20 °C to +45 °C
Storage and transport temperature	-20 °C to +45 °C
IP class	IP 53
Maximum altitude <sup>2</sup>	3,400 m
Dimensions (L x W x H) <sup>1</sup>	1,600 x 1,200 x 2,100 mm
Weight	Approx. 1,800 kg

Note:

- 1) Maximum output power reduction above +40°C and below 0 °C possible
- 2) SFC recommends to use the energy solution in a lower altitude area

Preliminary content – subject to modification and errors – April 2024