

IVECO
BUS
Drive the road of change



EWAY H2

Electric, the other way

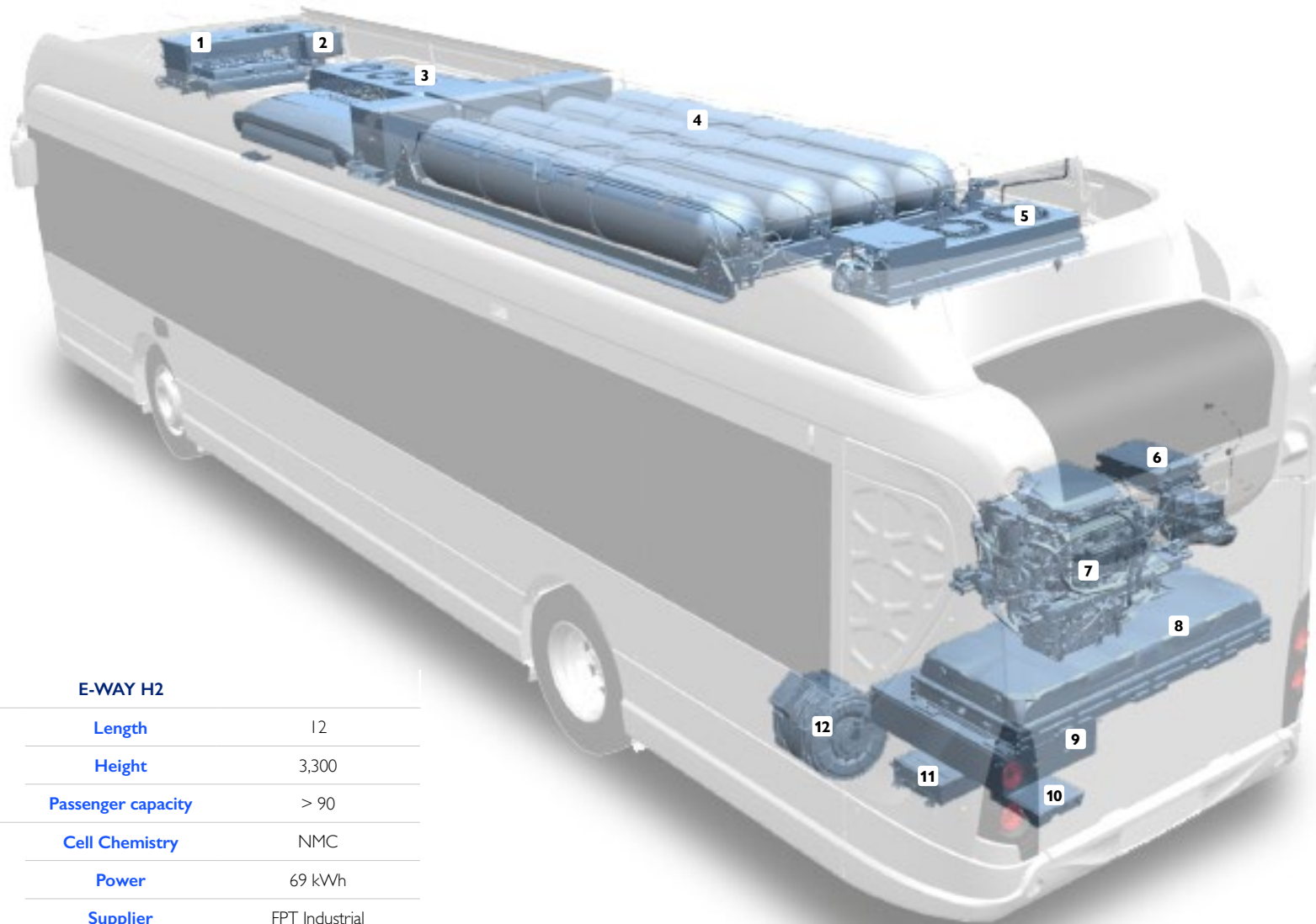
The new E-Way H2, Fuel Cell Electric Vehicle (FCEV), enlarges IVECO BUS zero emission solutions for cities, within a range that currently includes last generation of Battery Electric Vehicle (BEV) models, paving the way to a cleaner and greener world. The long-time experience of Hyundai Motor Company and Iveco Group in propulsions and vehicles, plus our technological know-how and our visions of the future of mobility, have come together in this revolutionary vehicle.

The new E-Way H2 city bus is equipped with Hyundai fuel cell installed in the rear compartment and powered by hydrogen tanks located on the roof. These tanks are 4 carbon composite with aluminium liner type 3 cylinders of 7.8 kg of hydrogen under 350 bars. Hyundai's advanced fuel cell technology is already in use in various applications, especially in the commercial vehicles sector. E-Way H2 benefits from the SIEMENS ELFA 3 electric motor of 310 kW and one 69 kWh FPT Industrial NMC battery pack. IVECO BUS developed a hybrid-mid power concept where fuel cell and battery can deliver power and energy. E-Way H2 embedded its new electric Vehicle Control Platform (eVeCoP) with its software, fully in house developed, to optimize the hydrogen power split strategy and reach the best efficiency.

Designed for daily operations with fast charging by an individual CCS Combo 2 socket (less than 1 hour) and fast H2 filling (15 minutes), the vehicle will be able to run more than 400 kms under normal operating conditions.

The new E-Way H2 is a 12-meters-long low floor citybus. Available in two or three access doors, it can accommodate up to 115 passengers according to local regulation.





E-WAY H2

Main Dimensions	Length	12
	Height	3,300
	Passenger capacity	> 90
Batteries	Cell Chemistry	NMC
	Power	69 kWh
	Supplier	FPT Industrial
Fuel Cell System	Supplier	Hyundai
	H2 storage system	31 kg (4 tanks)
Driveline	Motor	Siemens
	Power	180 kW
Autonomy	Range	more than 400 km

- 1** Battery Cooling Group
- 2** Fuel Cell Cooling Group
- 3** Heat Pump
- 4** Hydrogen Tank
- 5** Electric Traction Cooling Group
- 6** Fuel Cell DC/DC Converter
- 7** Fuel Cell
- 8** Battery
- 9** High Voltage Distributor
- 10** DC/AC Converter
- 11** Traction Converter
- 12** Electric Traction Engine

IVECO
BUS
Drive the road of change

PUBLICATION EWAY H2 10/23

The information and images in this catalogue are provided as a guideline only.
IVECO BUS reserves the right to make changes for any commercial or construction reasons at any time without notice.