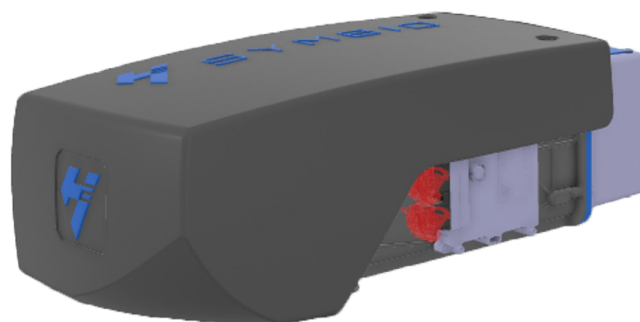


The H2Motive StackPack 40 is a reliable fuel cell system with proven design based on 4 million kilometers on-road experience achieved. High system compactness allows easy integration in engine bays.

Performance and durability are enhanced with Symbio proprietary control module. StackPack 40 is fully compliant with applicable regulations and the ISO 26262 standard.



EFFICIENCY

BEST IN-CLASS OPERATING COST

Our ambition is to always deliver the most fuel-efficient system on the market to minimize hydrogen fuel consumption in operation.



COMPACTNESS

OPTIMIZED SYSTEM ARCHITECTURE

Designed for automotive applications, StackPack 40 fits easily in existing engine bays.



COOLING

LOW HEAT REJECTION AND HIGH OPERATING TEMPERATURE

Symbio StackPack 40 is easy to cool and requires less on-board cooling capacity.



MONITORING

FLEXIBLE AND CUSTOM REMOTE MONITORING

Either Symbio or vehicle telematic gateway can be used interchangeably to suit your needs. Fleet monitoring solutions are tuned for each customer.

MOBILITY APPLICATIONS

StackPack 40 covers all passenger cars segments, up to light commercial vehicle applications.

SERVICE

Symbio offers a wide range of services for OEMs & fleet operators for the deployment and maintenance of their vehicles, ensuring maximum uptime. The services include regular or predictive maintenance, remote monitoring via software or applications. Connectivity can be achieved through vehicle telematic gateway or Symbio connectivity platform depending on vehicle architecture.

PRODUCT SPECIFICATIONS

Power (net) ¹	40 kW
Stack power density	3.9 kW/liter
Voltage, output range	250 - 450V
Current, max output	300 A
Durability	7,000 hours
Control interface	CAN 2.0 (CAN FD compatible)
Dimensions (length x width x height) ²	530 mm x 350 mm x 230 mm
Weight (dry) ³	72 kg
Coolant outlet temperature, max	80 °C
Environmental protection	IP67
Regulations	UN ECE R10, UN ECE R100, UN ECE R134, UN GTR13
Safety standard	ISO 26262

¹ Power delivered by the complete fuel cell solution to the DC bus.

² Stack and fluid management system, with housing.

³ Does not include air compressor, coolant pump and DCDC converter.

ABOUT SYMBIO

Symbio - a Michelin-Faurecia company - is your key partner for automotive and commercial vehicle fuel cell systems.

Symbio designs, develops, validates and manufactures hydrogen fuel cell power systems. Symbio has unique expertise with automotive production standards, and offers a complete range of compact StackPack systems from 40 to 300kW.

The H2Motive product range covers passenger car, light commercial vehicle, bus, coach, pick-up truck and medium to heavy duty truck applications. Symbio is developing its manufacturing footprint, with Europe's largest fuel cell factory starting operations in 2023, with target annual production of 200,000 StackPack by 2030.



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