

VIANOVA⁺TM

Clean Commercial Vehicle

The VianovaTM Plus mid-sized van platform is aimed at deliveries and contractors servicing intercity capability with payloads up to 900kg. The vehicle demonstrates an integrated Circular Economy approach by combining key technology from the H2EV and Vianova platforms with an existing OEM donor vehicle. This design process has important advantages and utilises existing automotive supply chain components to achieve faster route to market.



Specifications:

Vehicle Dimensions:

L: 4.3m
W: 1.6m
H: 2.1m

Gross Vehicle mass:

1500kg

Payload:

Volume: 3m³+
Mass: Up to 900kg

Powertrain:

Peak Motor Power: 60kW
Continuous Motor Power: 30kW
Traction Battery: 30kWh

PEM FC:

Fuel Cell Power: 25kWp

Drive Cycle:

Intercity

Hydrogen storage:

Storage pressure: 700bar

H2 Capacity:

4.3kg

Estimated Vehicle range:

Up to 300 miles

Plug Fuel Cell option:

Yes

Top Speed:

70mph

Features:

- Mid sized platform with increased payload (3 cubic metres)
- Increased capacity for hydrogen storage and more powerful fuel cell (25kW)
- Efficiency of design allows for increased range and durability
- Up to 100-mile range on electric charge
- Additional 200 mile with hydrogen
- Disassembly remanufacture / reuse of systems supports extended life of vehicle and components