

TOYOTA FCHV

Toyota Motor Corporation



Fuel Cell Vehicle

Vehicle Type	Small passenger car
Length x Width x Height	4735 mm x 1815 mm x 1685 mm
Seating Capacity	5
Maximum Speed	155 km/h
Range	300 km (10 · 15 mode)
Motor (Maximum output)	Permanent Magnet (80 kW)
Fuel cell	Toyota FC Stack
(Maximum output)	Polymer electrolyte (90kW)
Fuel	Pure hydrogen
Fuel storage	High pressure hydrogen tank (35MPa)
Secondary Battery	Nickel-metal Hydride
Price	¥1,200,000/month Limited lease for 30 months

X-TRAIL FCV

Nissan Motor Co., Ltd.



Fuel Cell Vehicle

Vehicle Type	Small passenger car
Length x Width x Height	4465 mm x 1765 mm x 1790 mm
Seating Capacity	5
Maximum Speed	125 km/h
Range	-
Motor (Maximum output)	Coaxial motor with integrated speed reduction gear (58 kW)
Fuel cell	Solid polymer electrolyte type
Fuel type	Compressed hydrogen gas (35 MPa)
Storage Battery	Lithium-ion battery

Honda FCX

Honda Motor Co., Ltd.



Fuel Cell Vehicle

Vehicle Type	Small passenger car
Length x Width x Height	4165 mm x 1760 mm x 1645 mm
Complete Curb Mass	1680 kg
Seating Capacity	4
Maximum Speed	150 km/h
Range	355 km (LA4mode)
Motor (Maximum output)	AC synchronous (60 kW)
Fuel cell stack (Output)	Polymer electrolyte fuel cell (78 kW)
Fuel	Compressed hydrogen gas
Fuel storage	High pressure hydrogen tank (35 MPa)
Energy storage	Ultra-capacitor
Price	¥800,000/month Limited lease

HydroGen3

GM Asia Pacific Japan Ltd.



Fuel Cell Vehicle

Vehicle Type	Small passenger car
Length x Width x Height	4315 mmx1750 mmx1685 mm
Complete Curb Mass	1750 kg
Seating Capacity	5
Maximum Speed	160 km/h
Range	400 km
Motor: Maximum output	60 kW
Driving system	Front wheel drive
Fuel cell (Maximum output)	PFMFC (129 kW)
Fuel	Hydrogen
Fuel storage	Liquid Hydrogen (68L)

F-Cell

DaimlerChrysler



Fuel Cell Vehicle

Vehicle Type	Mercedes-Benz A-Class
Length x Width x Height	3785 mmx1720 mmx1590 mm
Complete Curb Mass	-
Seating Capacity	-
Maximum Speed	140 km/h
Range	150 km
Motor(Maximum output)	Induction motor(65 kW)
Fuel Cell (Maximum output)	(68.5kW)
Battery	Nickel-metal Hydride
Fuel type	Hydrogen (350bar)

MOVE FCV-K-2

Daihatsu Motor Co., Ltd.



Fuel Cell Vehicle

Vehicle Type	K-class passenger car
Length x Width x Height	3395 mm x 1475 mm x 1705 mm
Seating Capacity	4
Maximum Speed	105 km/h
Range	120 km
Motor (Maximum output)	Permanent magnet synchronous (32 kW)
Battery	Nickel Metal Hydride
Fuel cell (Max. output)	Polymer electrolyte (30 kW)
Fuel	Compressed hydrogen gas

wagonR-FCV

Suzuki Motor Corporation



Fuel Cell Vehicle

Vehicle Type	K-class passenger car
Length x Width x Height	3395 mm x 1475 mm x 1680 mm
Seating Capacity	4
Maximum Speed	110 km/h
Range	130 km
Motor	AC synchronous electric motor
(Maximum output)	(33 kW)
Fuel cell	PEFC (50 kW)
(Maximum output)	
Fuel	Compressed hydrogen gas
Fuel storage	High-pressure hydrogen tank (35 MPa)

PREMACY FC-EV

Mazda Motor Corporation



Fuel Cell Vehicle

Vehicle Type	Small passenger car
Length x Width x Height	4350 mmx1695 mmx1605 mm
Complete Curb Mass	1850 kg
Seating Capacity	5
Maximum Speed	-
Range	-
Motor (Maximum output)	AC induction (65 kW)
Fuel cell (Maximum output)	PEM (75kW)
Fuel	Methanol

MITSUBISHI FCV

Mitsubishi Motors Corporation



Fuel Cell Vehicle

Vehicle Type	Minivan
Length x Width x Height	3395 mm x 1475 mm x 1680 mm
Seating Capacity	4
Maximum Speed	140 km/h
Range	150 km
Fuel cell	PEFC (68kW)
(Maximum output)	
Fuel	Compressed hydrogen gas
Fuel storage	High-pressure hydrogen tank (35 MPa)
Battery	Nickel Metal Hydride

FCHV-BUS2

Toyota Motor Corporation
Hino Motors, Ltd.



Fuel Cell Vehicle

Vehicle Type	Bus
Length x Width x Height	10515 mm x 2490 mm x 3360 mm
Complete Curb Mass	-
Seating Capacity	60
Maximum Speed	80 km/h
Range	-
Motor(Maximum output)	Permanent magnet (80 kW x 2)
Driving system	Rear wheel driving system
Fuel cell	Toyota FC Stack
(Maximum output)	Polymer electrolyte (90 kW x 2)
Secondary battery	Nickel-metal hydride battery