

PHEV-80 Specifications

ELINTA MOTORS PHEV-80 V.2.0 2019-01-07



Intelligent

Intelligent Plug-In Hybrid Electric Vehicle senses the green zones using GPS and automatically switches to pure electric mode.

Efficient

The hybrid control unit coordinates the electric motor with the diesel engine. In combined mode fuel consumption is reduced up to 70 %.

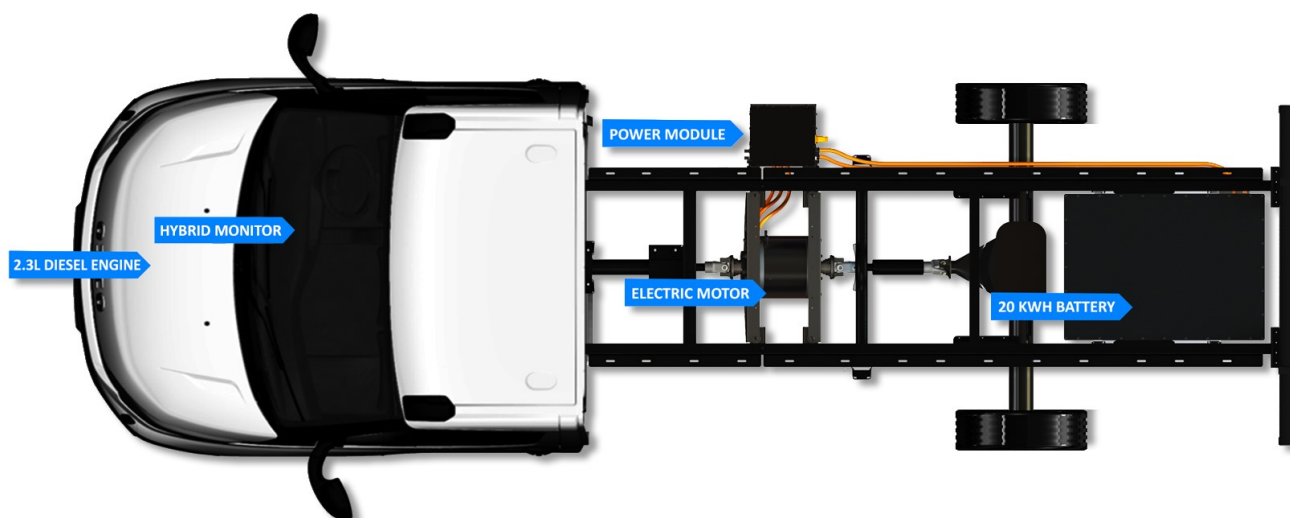
Features

- 50 km in pure EV mode
- Up to 70% lower fuel saving
- 3 hybrid driving modes
- No gears/clutch in EV mode
- Increased power
- Less noise and vibrations
- Massive low-end torque
- Unlimited range
- Online fleet management

Performance	EV Mode	PHEV Mode
Power	110 Hp	210 Hp
Torque	950 Nm	1200 Nm
Top speed	80 km/h	140 km/h
Range	50 km	Unlimited

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User Interface



7" Touchscreen is integrated seamlessly into original front panel.

Driver can see energy efficiency, fuel consumption, control hybrid driving modes, climate system.

Interface provides system status, charging information, energy use.

Following driving modes are available:

- EV MODE** – Pure electric traction
- POWER MODE** – Depletes battery
- SAVE MODE** – Maintains battery capacity
- CHARGE MODE** – Charges battery

Powertrain

Motor Type	LCM-200 ACIM
Drive Type	Direct Shaft
Efficiency	93.5 %
Cooling	Liquid
Drive System	110 kg
Battery Weight	195 kg

Capacity	20 kWh
Voltage	295 V
Cell Type	LiFePo4 Prismatic
Charger Power	6.6 kW / 32A
Charging Time	3.5 hours
Battery Lifetime	3000 cycles / 80%

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Climate

Automatic climate control is integrated with 4 kW electric heater and 4.5 kW efficient high voltage powered A/C unit. Optionally – Webasto diesel heater is available for cold climate areas.



Van Base vehicle



Model	Iveco Daily 35S12V
Wheelbase	3520L
Engine	F1A - 116 Hp E6
G.V.W.	3500 kg - 3800kg
Fuel Tank	70 L
Rear Axle	3.917
Gearbox	Manual
Wheels	Single
Length	5960 mm
Cargo Size	1200x1800x3540
Cargo Load	900 kg - 1200 kg
Cargo Capacity	12 m3

Chassis Cab Base vehicle



Model	Iveco Daily 35S12
Wheelbase	3750 mm
Engine	F1A - 116 Hp E6
G.V.W.	3500 kg - 3800kg
Fuel Tank	70 L
Rear Axle	4.222
Gearbox	Manual
Wheels	Single
Length	6523 mm
Max Body Size	2100x1800x4495
Cargo Load	800 kg - 1300 kg
Cargo Capacity	-