

Magna EtelligentEco

Magna EtelligentEco is an advanced PHEV solution that improves range and efficiency for high-volume SUVs with front-wheel drives without compromising drivability, even in electric mode. The software and DHD Eco hybrid drive reduce greenhouse gas emissions by up to 38%.



Features and Specifications

- Engine type: 1.5 l gasoline engine
- Engine power: 100 kW
- Engine torque: 230 Nm
- Range (WLTP): 100 km

Front Electric Drive Unit Magna DHD Eco

- Up to 3,000 Nm axle torque with e-boost capability
- E-motor: 120 kW at 350 V, 200 Nm peak
- HV battery: 19 kWh (usable)

Competitive advantage/differentiators

- **Efficiency**
Up to -38 % CO2 saving for vehicles in real world driving conditions and 100 km pure electric range (WLTP)
- **Convenience**
Up to 135 kph top speed in eDrive
Intelligent launch by 1 ms control loop
- **Dynamics**
Smooth BEV-like response behavior
Up to 3,000 Nm axle torque

Applications/benefits

- **Benefits**
Best-in-class value-for-money
Best-in-class torque-to-weight ratio (= 3,8 Nm/kg)

