

# FORD C-MAX ENERGI



Go Further

C-MAX Energi is the first production plug-in hybrid vehicle from Ford in China. It delivers maximum efficiency by combining a state-of-the-art lithium-ion battery and electric motor with a gasoline engine. This offers the best of both worlds – providing the capability to be driven as an electric vehicle for short trips and as a hybrid for longer trips.

## 2.0-LITRE ATKINSON-CYCLE GASOLINE ENGINE

High-efficiency advanced four-cylinder engine with independent variable camshaft timing delivers fuel efficiency and performance

## POWER-SPLIT ARCHITECTURE

Allows the electric motor and gas engine to work together — or separately — to optimize efficiency. The engine can operate independently of vehicle speed, charging the lithium-ion battery or providing power to the wheels as needed. The electric motor alone can provide sufficient power to the wheels in low-speed, low-load conditions and works with the engine at higher speeds

## 3.3 kW ONBOARD CHARGER

Connects to external charge port and lithium-ion battery and converts AC electricity supplied at the 220-volt external charge port to DC voltage as required by the lithium-ion battery

## ELECTRIC GENERAL MOTOR

Starts the gasoline engine quickly and automatically when required

## HYBRID TRANSMISSION

Includes next-generation power-split technology that enables operation in electric mode at higher speeds. Provides electronically controlled continuously variable transmission (eCVT) function, which harmoniously manages power from the gasoline engine and electric drive

## REGENERATIVE BRAKING

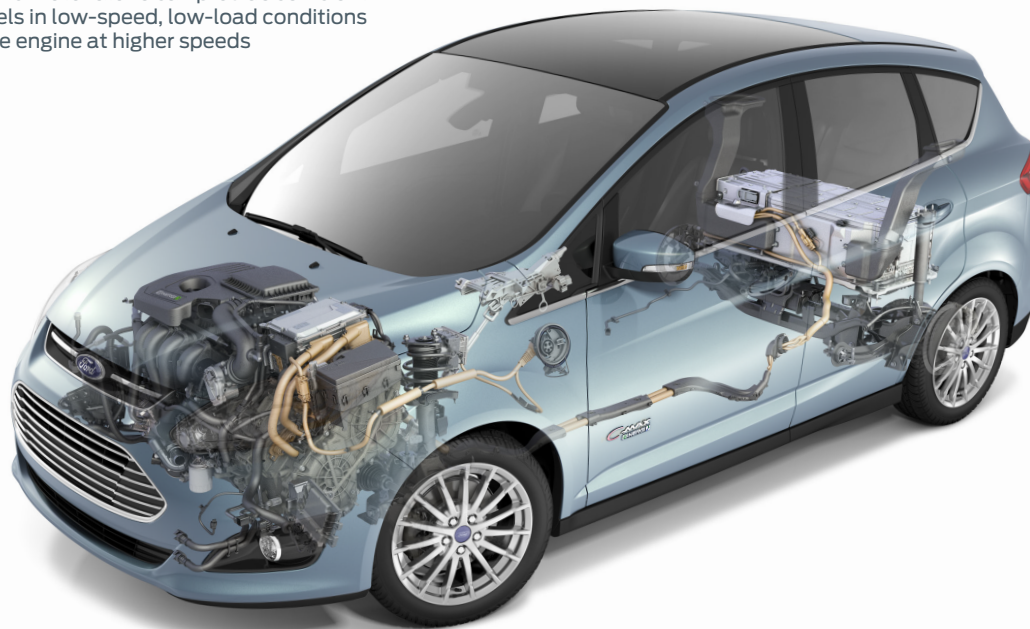
The standard Brake Coach feature helps drivers choose good braking techniques to fully optimize the regenerative braking system of the vehicle

## ADVANCED LITHIUM-ION BATTERY PACK

The lithium-ion battery has a total capacity of 7.6 kWh. Stores power regained from regenerative braking, the engine or from plugging in

## CHARGE PORT

Ability to connect the vehicle's external charge port to standard 220-volt charging station in China



## 88 kW ELECTRIC TRACTION MOTOR

Drives the vehicle (by itself or with the gasoline engine) and can power the vehicle up to 137 km/h (85 mph) on its own. Using the electric traction motor during acceleration allows for a smaller gasoline engine and reduces fuel consumption. Used as a generator to recover the vehicle's energy during deceleration or braking to recharge the lithium-ion battery

### C-MAX ENERGI FACTS

**Battery system:** Lithium-ion, air cooled, recyclable

**Total battery capacity:** 7.6 kWh

**Horsepower (charge depletion mode):** 143 kW

**Horsepower (charge sustained mode):** 138 kW

**Gas engine torque:** 174 Nm

Torque and power specifications may vary by market