



open your mind.



smart fortwo electric drive

>> the next generation of smart

>> smart fortwo electric drive: for intelligent urban mobility

It features everything that makes a smart a smart – but without local emissions (which impact the immediate environment). The latest generation smart fortwo electric drive is equipped with a 30kW/41hp electric motor which generates no harmful emissions, is highly efficient and delivers impressive performance. The battery resides safely within the sandwich floor so that the car's roomy interior remains intact.

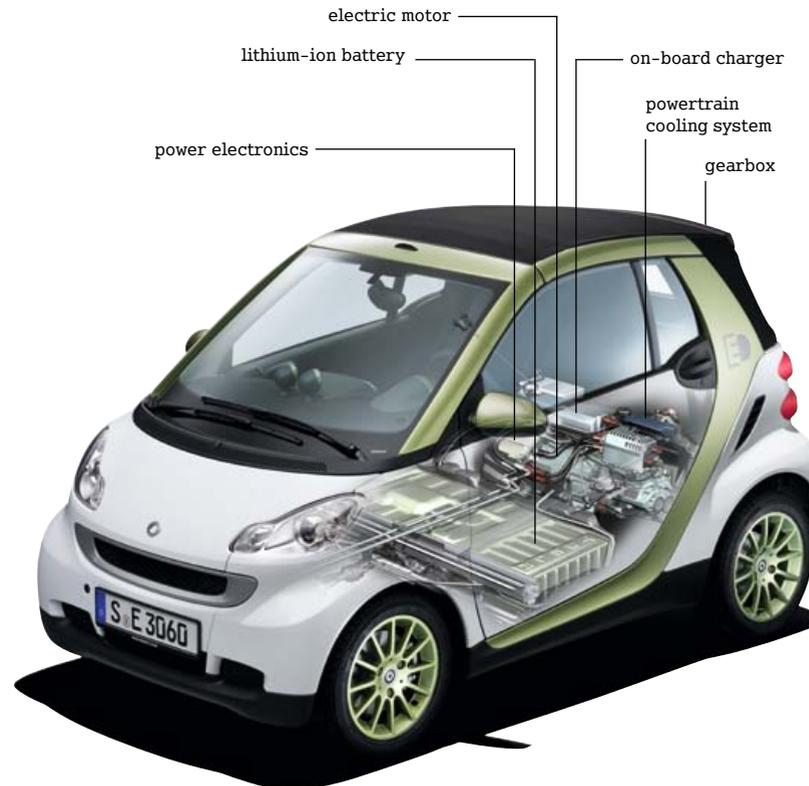
The intelligently designed two-seater achieves a range of approximately 84 miles (FTP) or 1365 kilometers (NEDC), more than enough for city traffic. The battery can be charged at any garage wallbox or public charging station as well as any household socket.



Battery charge indicator shows the percentage of the charge remaining on the high-voltage battery.



Energy status gauge shows in "kW" the energy consumed or generated.



>> charging options

The second generation smart fortwo electric drive is powered by a lithium-ion battery with a capacity of 16.5 kWh. "Drive by day, charge at night" is the strategy for operation. Anyone with access to a household power socket ❶ can drive this edition of the smart, which is powered by electricity. The car can also be charged at special home charging stations ("electric vehicle supply equipment") ❷ and public charging stations ❸.

"PLUG & CHARGE"



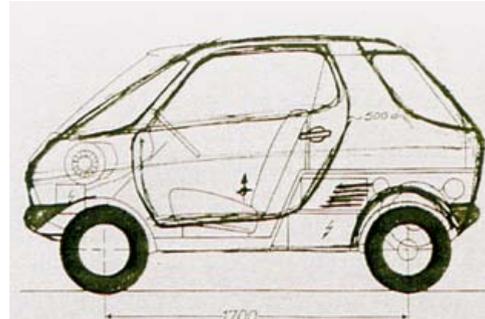


>> surprisingly different

Here's how the smart brand has evolved through the years:

smart
success
story

1972



>> Small car, big vision

Mercedes-Benz explores the concept of the city car of the future. Designer Johann Tomforde formulates a radical vision: a super-compact automobile just 2.5 meters long.

1981



>> Guiding star

The first concept vehicle is a suitably excellent response to expensive oil, congested streets, parking shortages and lengthy traffic jams. Unfortunately, the NAFA (Nahverkehrs-Fahrzeug) ultra-compact city car does not satisfy Mercedes-Benz's own demanding safety requirements, so development is halted.

1988



>> Zero emission concept

Inspired by the California Clean Air Act, Mercedes-Benz engineers equip the NAFA car with an electric drive. Inadequate battery capacity, however, hampers the effort.

1990



>> Great concept for small cars

Two Mercedes-Benz project teams create concepts from the NAFA car, and are challenged to make both ready for production. The five-seat study "Vision A 93" eventually becomes the Mercedes-Benz A-Class. The other concept, the Micro City Car, emerges with great potential as an exciting two-seater with significant cargo space.

1991



>> Go west

Mercedes-Benz chief designer Bruno Sacco issues a development assignment for a completely new ultra-compact city car to a team of graduate students from the Art Center College of Design in Pasadena, California.

1992



>> Creative design

First 1:4 scale design models of the Micro City Cars demonstrate the Art Center design team's creative potential.

1993



>> Fun & function

The first true smart show cars, the **Eco Speedster** and **Eco Sprinter**, are innovative, functional and perfectly capture the joy of driving. They embody the class-neutral nature of the smart.

1994



>> Swatch Mercedes art

As co-founder of Micro Compact Car GmbH in Biel, Switzerland, Swatch inventor Nicolas Hayek contributes to the combination of a century of expertise in automobile making and the creative power of Swatch.

1996



>> Safe and stylish

A prototype displayed in Atlanta shows the car's distinctive silhouette and characteristic details. Later that year, a more advanced prototype displayed at the Paris Auto Show features the smart's trademark body panels — all 100 percent recyclable — as well as the strong, rigid tridion safety cell, a high-strength steel outer shell that protects the smart's occupants like the roll cage of a NASCAR race car.

1998



>> Start of a new automotive era

With careful attention paid to comprehensive environmental requirements, the smart is manufactured in a high-tech plant in Hambach, France.

In October, sales of the comfortable, agile, safe, and economical smart city coupe begin in nine European countries.

1999



>> Model efficiency

A world record for production cars: one year after the start of production, smart presents the **smart cdi**, with a three-cylinder turbo-diesel engine and a consumption of only 3.4/100 km. More than 140,000 first-generation models of the reigning carbon-emissions champion (today: 3.3 l/100 km, 86g/km CO₂) are sold.

2002



>> Sharp as a knife

British pop singer Robbie Williams secures a model of the limited edition **smart crossblade**. This radically minimal model has no doors, windshield or roof. smart GmbH and **BRABUS** form a joint venture to manufacture top-of-the-line models of the two-seater.

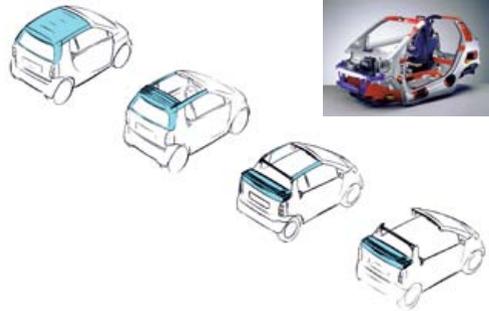
2004



>> More fun

To demonstrate the tremendous potential of the smart fortwo, the board of directors gives the green light to a versatile concept car with a gasoline hybrid powertrain. The **smart crosstown** premieres a year later at the Frankfurt International Auto Show.

2000



>> Here comes the sun

The smart convertible is introduced. It's the world's smallest production convertible and is mobile "joie de vivre" in its purest form. Like the smart coupe, it provides maximum protection thanks to the tridion safety cell.

2003



>> Hot news

Safer and more comfortable: Incorporating numerous new features, including the **esp**[®] electronic stability program as standard equipment, the latest version of the two-seat city car, now named the **smart fortwo**, is safer, more dynamic and more comfortable than the versions before it.

2006



>> Favorable balance

Sales of the first-generation smart throughout Europe exceed 770,000.

2007



>> smart fortwo 2.0

The second-generation smart fortwo does everything its predecessor did, only better. It provides greater comfort, agility, safety, environmental responsibility and independence. A large-scale trial begins in London with 100 first-generation smart fortwo electric drives. It's environmentally friendly, suitable for everyday use, great fun to drive and easy to operate.



2008



>> Go west – and even greener

In January 2008 the new smart fortwo goes on sale in the U.S. with the number of vehicle reservations exceeding expectations.

In September, “**3e-mobility Berlin**” is launched. German Chancellor Angela Merkel and leaders of Daimler and RWE present their pioneering joint project for climate-friendly electric mobility. The project’s objective is the efficient use of state-of-the-art electric cars combined with a customer-friendly charging infrastructure.

2009



>> Start of car2go

In March 2009, the public launch of car2go takes place in Ulm, Germany. car2go is an intelligent concept for urban mobility and begins with 200 smart fortwo vehicles. Simultaneously, the first North American car2go project is announced in Austin, Texas.

2009



>> Go east – and electric

In 2009, smart conquers the Chinese market, where the car is perfectly suited for the increasing number of micro-car customers living in China’s many cities. This brings the number of countries in which the smart fortwo is available to 41.

In November, production of 1,000 second generation smart fortwo electric drive vehicles begins. On December 17, the first electric drives are given to customers for the rollout of “**e-mobility Berlin.**”

2010



>> More e-mobility projects

Throughout the year, the smart fortwo electric drive takes to the roads of Germany, Italy, Spain, England, France and Switzerland as well as the United States and Canada. Due to high demand, production is increased to 1,500 units with 250 vehicles designated for the U.S.

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smart - A Daimler Brand

For more information, visit www.smartusa.com