



>> **Simply electric.**
smart fortwo electric drive.



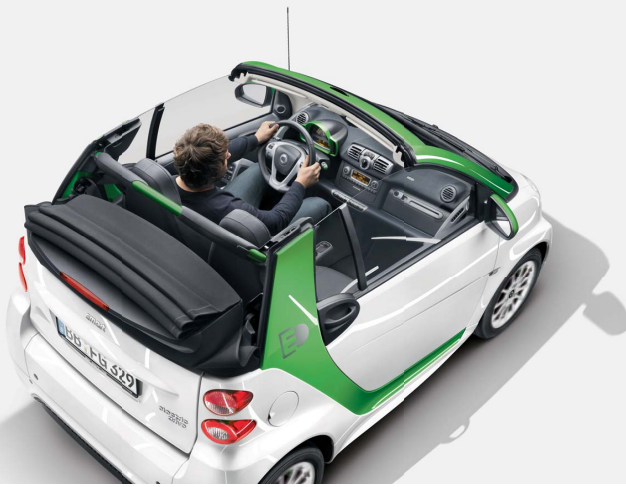
With the smart fortwo electric drive the **electric era** has well and truly arrived. A **sophisticated, fully developed technology** combined with the smart fortwo's **unlimited suitability for everyday use**. All the **fun of driving** a smart, but **without emitting**

any local CO₂ whatsoever. Individual mobility has never been as carefree as this. And thanks to the **wealth of innovative solutions** integrated in the smart fortwo electric drive, electric driving is **simplicity itself**.

>> **Simply ideal for the city.**

A car that makes city driving a pleasure. Small and nimble – yet surprisingly spacious. Agile, attractive, safe and environmentally conscious. The smart fortwo electric drive offers all the advantages that set the smart fortwo apart from the rest: a vehicle concept that is tailored to the needs of urban mobility.





>> Simply raring to go.

A car that not only leads the pack when it comes to respect for the environment, the 55 kW electric motor unleashes the full torque of 130 Nm (96 lb-ft) even at low revs, and the smart fortwo electric drive needs just one gear for all speeds. All of which translates into quick and seamless acceleration in a car that goes from 0 to 60 km/h in 4.8 seconds. Dynamics and driving comfort come together in a driving experience that you will only get with an electric drive.



>> Simply silent.

The new smart fortwo electric drive is a quiet zone on wheels. Thanks to its electric drive, noise levels are practically zero. Simply close the door and leave the hustle and bustle of everyday life outside. And you will be doing others a favour as well – after all, who wouldn't welcome less noise in the city?



>> Simply drive for miles.

A car that doesn't cramp your style. With a range of up to 138 km, the smart fortwo electric drive is not only perfect for everyday driving around town – a single battery charge also gives you enough energy for spontaneous trips.

>> Simply charge it up.

A car that turns any household socket* into a charging station. The smart fortwo electric drive battery takes approximately sixteen hours to charge from empty to full. A welcome side effect is that you not only reduce the strain on the environment, but also on your wallet. Faster charging is possible with a "Level II" charging station†. In this way, the battery can be fully recharged in approximately eight hours or so from a zero percent state of charge.

*With 120V charging cable (Standard equipment). †Installed privately by consumer.



>> Simply well connected.

A car that lets you stay in the loop at all times, via smartphone, tablet or PC. Many functions relating to the smart fortwo electric drive can be managed easily via the smart vehicle homepage. Before setting off, check on the state-of-charge and range of the battery. Or use the display to call up the next public charging station on your route. You can also plan your departure and charging times and activate the pre-climate control for the interior while the vehicle is charging. Whatever your plans are, the smart vehicle homepage allows you to communicate effectively with your smart fortwo electric drive.



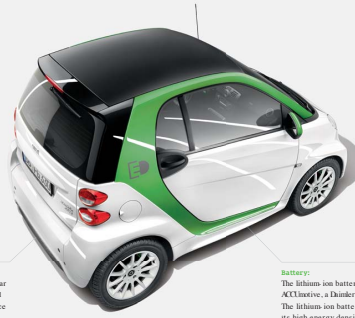
>> Innovations close up.

With a whole host of innovative solutions, the smart fortwo electric drive is easy and straightforward to use. See the following pages to find out exactly how these solutions work and what advantages they offer.



>> Powerful and efficient. Innovative electric drive.

The powerful 55 kW electric motor and the lithium-ion battery with a capacity of 17.6 kWh are the central components of the high-performance and efficient drive concept. With torque of 130 Nm (96 lb-ft) immediately available, the smart fortwo electric drive accelerates from 0 to 60 km/h in just 4.8 seconds, from 0 to 100 km/h in 11.5 seconds, and quickly reaches a top speed of 125 km/h. Depending on factors such as driving style, traffic situation and usage of heating, air conditioning and other electrical consumers, a range of up to 138 km can be achieved.



Electric motor:

The magnetoelectric motor has a lightweight design and fits compactly in the rear of the vehicle. Unlike a combustion engine, the electric motor consists of a small number of components that barely show any signs of wear, thus keeping maintenance costs to a minimum. There is no need to change the oil or to replace spark plugs, toothed belts or belt pulleys. Other advantages offered by the electric drive are the smooth, even and virtually noiseless power development and the shift-free driving.

Battery:

The lithium-ion battery in the smart fortwo electric drive was developed by Deutsche ACCUMotive, a Daimler AG subsidiary specially set up to develop and produce batteries. The lithium-ion battery consists of 93 single cells and offers numerous advantages: its high energy density stores comparatively more energy. Partial charging is also possible at any time – because lithium-ion batteries have no memory effect which means that the range is not reduced. The compact battery is safely housed in the underbody, thus ensuring a low centre of gravity. This also enhances the agile handling and cornering stability – for a noticeable improvement in ride comfort.

Power consumption:

Driving with 100% electricity is not only easy on the environment*, but also on your pocket. So now all you need to do is to check the price of electricity per kilowatt hour – and you will find that electric mobility is very cheap indeed. Charge overnight and both you and your smart can wake up ready to go. The only task you'll have to worry about filling is your coffee cup.

Regeneration:

In deceleration mode and during braking, the electric motor works as a generator that converts part of the surplus kinetic energy into electrical energy. This then flows back into the battery, ultimately increasing the range.

* Prerequisite: the electricity is generated from renewable sources only.

>> Fast, comfortable and intelligent. Innovative charge management.

Electricity is a wonderful invention. Not only can it be generated by environmentally friendly means, it is also cheap and available virtually anywhere – at home, at work and at public charging stations. This makes you all the more flexible, as you decide where to charge your smart fortwo electric drive.

What's more, using your smartphone, tablet or PC, you can check and manage functions such as the battery state-of-charge, remaining range and charging time online any time and anywhere.



The smart vehicle homepage:

The smart vehicle homepage is a web portal that allows you to stay in touch with your smart fortwo electric drive via smartphone, tablet or PC. This means that you can monitor and manage many different functions without even being in the car. An undeniable bonus in terms of independence and flexibility!

Functions:

- Pre-entry climate control of the interior during the charging process
- State-of-charge monitoring
- SmartCharging for intelligent charging
- Notification via e-mail or Twitter when charging process is complete
- Route planning taking the current range into account
- Range forecast
- Location display of public charging stations

SmartCharging function:

With SmartCharging, the smart fortwo electric drive itself selects the best time to charge the battery. All you have to do is insert the charging cable and log into the smart vehicle homepage. Once you've entered the departure time, your vehicle will take care of the rest. In other words, while you are still thinking about your last trip, your smart fortwo electric drive is already getting ready for the next one.

Pre-entry climate control:

With the smart fortwo electric drive, the feel-good factor kicks in as soon as you get inside. Simply enter your planned departure time and activate the temperature pre-setting in advance via your smartphone, tablet or PC. The vehicle interior is cooled to 24°C in the summertime and heated to 18°C in the winter.

The connected service:

You have a choice of connected or non-connected. Connected provides an internet connection even in places where no mobile reception is available, so that you can manage the charge functions online via the smart vehicle homepage whenever you choose.



16 hours

Normal charging:

You can charge the smart fortwo electric drive at any standard 120V household socket. With the standard on-board charger, the battery can be fully charged again in around sixteen hours. Partial charging is also possible at any time.

8 hours

Fast charging:

With a permanently installed 240V charging station – known as a "Level 2" – at home or at work you can fully recharge the battery in eight hours or so using a power cable. The same time is needed to charge the vehicle at one of the ever-growing public network of 240V charging stations.



* Building installation requirements: 120V socket. *Dependent on charging station type and configuration. *As part of the service, data about battery status and usage is stored in the vehicle and transferred to the manufacturer with a view to supporting quality and further developing the vehicle and its components. In addition, data relating to charging and status is transferred to the charging point and the manufacturer in order to facilitate intelligent charging and to provide context functions for the customer. Part of this data can be made available to customers via the smart vehicle homepage. This data is transferred via a mobile communication module (if fitted in the vehicle) or when charging the vehicle battery via a wireless internet connection. For further information, please see the vehicle operating manual.

>> All-round protection. Innovations for your safety.

Needless to say, the smart fortwo electric drive shares the smart fortwo's innovative safety concept. Active and passive safety systems offer maximum protection for the minimal length of 2.69 metres. As part of the smart safety concept, the lithium-ion battery is fitted in an optimal position in the vehicle underbody.



Head/thorax side airbags: a standard feature in the smart fortwo electric drive, the head/thorax side airbags protect the head and chest in the event of a side-on impact. Additional safety is offered by the robust steel door structure.

triflex safety cell: the triflex safety cell is additionally reinforced with high-strength steel sheets at strategically important points – for maximum stability, rigidity and resistance. The impact energy is distributed evenly over the longitudinal and transverse members and thus reduced effectively.

Full-size airbags: two full-size front airbags and knee airbags offer maximum protection for driver and passenger in the event of a frontal impact.

The wheel as a deformation element: in a head-on collision, the front wheel is supported by the side member, thus absorbing a substantial proportion of the impact energy. The short wheelbase means that the other vehicle involved in a side-on crash will almost always hit the wheel and the suspension components behind. This ensures that the passenger cell remains virtually stable, so that the doors can still be opened early after a side-on collision.

Crash boxes: steel deformation elements at the front and rear absorb the energy from minor collisions at low speeds, ensuring that the triflex safety cell itself remains undamaged. A damaged crash box is simple to replace.

esp® and abs safety systems: when the vehicle is in danger of oversteering, the electronic stability programme (esp®) brakes specific individual wheels in order to prevent the car from breaking away. The anti-lock braking system (abs) ensures that the vehicle remains steerable and stays on track even when the brakes are applied heavily.

Battery: the positioning of the battery in the vehicle underbody offers the best possible deformation protection in the event of a collision. The battery's low centre of gravity also noticeably improves the handling.

>> The only thing that's missing is the exhaust. Standard equipment – exterior.

Standard with the smart for two electric drive: the good feeling that you know you're driving the right car. Regardless of whether you opt for a coupé or cabrio – the car comes with extensive equipment*, but without any local emissions.

10" projection headlamps: large headlamps in clear-glass look for bright and uniform illumination.

Front: the honeycomb structure and silver surround of the radiator grille combine with the wide air inlets to create a truly sporty look.

Exterior appearance package: all aprons and side skirts are finished in the body panel colour, giving the vehicle its characteristic look.

LED daytime driving lights (not shown): see and be seen – with these elegant daytime driving (highlights).

12 spoke silver alloy wheels: with 155/60 front R15 and rear 175/55 R15 all-season tires.

Solid roof (coupé): weatherproof and robust – the sturdy black plastic roof with a textured surface.

tridon safety cell in silver: also available in classic black or optionally in white. With matching door mirror caps.



Storage compartment in tailgate: with insert for charging cable: close at hand and neatly stowed away after use, the practical tailgate compartment is a perfect fit for the charging cable. Standard for the coupé, available as an option for the cabrio.

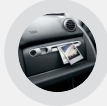
Charging socket: the charging socket is located on the right-hand side between the tridon safety cell and the rear lamps, behind the cap painted in the body panel colour. Its closing mechanism is regulated by the central locking function.

Central locking with radio remote control and immobilizer (not shown): the doors can be locked and unlocked using the remote control in the 4-button key, even from distance. Including remote rear window release (coupé) and roof release (cabrio).



>> Impressive inner qualities. Standard equipment – interior.

Take a seat and feel at home. The interior of the smart for two electric drive is exceedingly comfortable – right down to the very last detail. As you will see from the instrument cluster and dashboard instruments, energy consumption is where the savings are made.



Glove compartment with flip function: with the practical flip function, you can keep notes, papers or photos within view at all times.



Charging cable: the flexible and robust charging cable connects your car to a standard 120V household socket.*

Heated seats (not shown): two settings with automatic switch-off function.

Drive lock (not shown): for greater safety, the doors lock automatically at speeds of 14 km/h upwards.



Electric windows: with one-touch control on the driver's side.



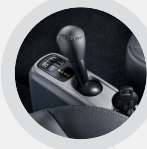
Sound system (not shown): compatible with all smart radios. Two tweeters, two mid-range speakers and a subwoofer join forces to deliver really full sound.

Pedestrian sound module (not shown): the pedestrian sound is automatically activated at speeds of below 30 km/h to warn pedestrians and cyclists of the otherwise silent vehicle approaching.

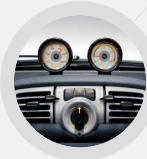
Instrument cluster with trip computer display: the multifunctional display has a READY indicator that shows when the vehicle is ready to go. It also comprises an RCD display for optimizing the driving style, a remaining range indicator, settings for departure and charging time, settings for pre-entry climate control and a service interval indicator.



Audio system basic: with USB and AUX ports for your MP3 or CD player, two door loudspeakers and additional driver below the operating unit.



Leather gear knob: style and speed at your service.



Dashboard instruments: these display the battery state-of-charge and show you whether the vehicle is consuming or recuperating energy.

Air conditioning with automatic temperature control: with dust and pollen filter for maximum comfort whatever the weather.



Electrically adjustable and heated door mirrors: for a clear view at all times – even in frosty weather.



Electric power steering: enjoy extra comfort at the wheel and manoeuvre your smart for two electric drive effortlessly through even the narrowest city streets.



3-spoke leather steering wheel: a pleasure to hold and behold.

Upholstery: comes in black as standard or optionally available in design beige or design red – for an interior to match your personal taste.

*European model shown. Building installation requirements: 120V socket

>> Ideas for even more driving fun. Optional equipment.

With the wide range of optional equipment to choose from, you can tailor your smart for two electric drive to your personal taste and individual needs. For even more fun behind the wheel.

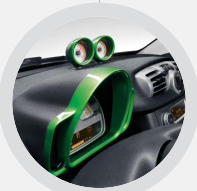
3-spoke leather sports steering wheel with cruise control and rocker switches for manual battery recuperation: for optimal control of the energy recuperation. Operating the switches increases or minimises the level of energy recuperation. Also available only with cruise control or only with rocker switches for manual battery recuperation.



Panoramic roof (incl. sunblind – coupé): enjoy even more of the city and an even greater feeling of spaciousness through the large tinted panoramic roof made of break-resistant polycarbonate.



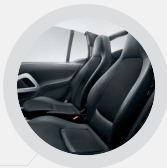
The electric drive design package: the electric green tridon safety cell door mirror caps make the smart for two electric drive even more eye-catching; this impression is further emphasised by the body panels and 12-spoke alloy wheels in crystal white. Electric green contrast components in the interior are special features of the electric drive design package.*



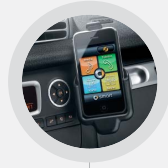
*limited quantities available.

**>> More sound, more comfort.
Further optional equipment.**

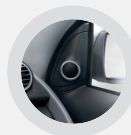
You decide how much you want to enhance the entertainment and comfort functions of your smart fortwo electric drive. How about elegant leather seats for supreme comfort? Or the perfect sound system to bring out the best in your favourite music?



Leather seats: the black leather seats look elegant as well as being extremely comfortable.



smart cradle for the iPhone[®] gives your iPhone[®] the support and energy it needs. The "smart drive app for the iPhone[™]" turns your iPhone[®] into a multimedia all-rounder.



Surround sound system: for a brilliant whole new sound experience. With subwoofer, 8-channel digital amplifier and perfectly matched tweeters, mid-range speakers and rear-fill loudspeakers, your favourite songs have never sounded so good! Compatible with all smart radios.



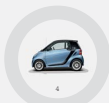
Audio system navigation/multimedia: the multimedia system has a 16.5 cm (6.5") touchscreen display, navigation with perspective map display and voice control, Bluetooth[®] hands-free function for your telephone, AUX/USB port for your mobile music player, iPod[®] interface that allows you to see your iPod[™] on the touchscreen, CD/DVD player, picture viewer and many other functions.

¹Optional: leather on the seat bottom and in the top area of the rear of the backrest.
²Available for iPhone[®] models 3G, 3GS, 4 and 4S.



**>> All the colour you need in your life.
Choice of colours.**

With seven body panel colours and three tridion safety cell colours to choose from, whichever colour combination you decide on will have your stamp of individuality. At the same time, the electric drive logo on the tridion safety cell discreetly draws attention to the innovative drive.



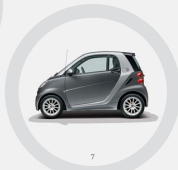
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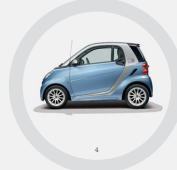
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1



7



4



2



3



6



1

tridion safety cell: in a choice of silver, black and white.¹

electric drive design package: crystal white body panels and alloy wheels set off the electric-green of the tridion safety cell and door mirror caps to great effect.²

Body panels: available in crystal white (1), rally red (2), deep black (3), light blue metallic (4), silver metallic (5), grey metallic (6) and matt anthracite (7).

Fully automatic triple fabric soft top with heated glass rear window (cabriolet): choose between black, red³ or blue (denim look).¹

¹Optional. ²Limited quantities available.

>> Simply get in and drive off.

The smart fortwo electric drive makes electric mobility both simple and exciting. There are a whole host of innovations designed not only to make electric driving suitable for your day-to-day life – but also to make it fun. And the best way to find out how that feels is to take a test drive. Your smart dealer is looking forward to seeing you.



>> Equipment.

Exterior

- Standard equipment:**
- Solid roof (coupé)
 - 12-spoke alloy wheels in silver with front: 155/60 R 15 and rear: 175/55 R 15
 - HF projection headlights
 - Third brake light
 - White side indicators
 - Service flap
 - Electric drive lugs on tridon safety cell, electric drive latching in mirror triangle and on tailgate

- Option with additional charge:**
- smart art sticker (tridon motif 1-6)
 - Panoramic roof (incl. sunblind, coupé)

Colours/upholstery

- Standard equipment:**
- tridon safety cell in silver (in conjunction with door mirror caps in silver)
 - exterior appearance package (front and rear apron and side skirts finished in the body panel colour)
 - Charging socket cap finished in the body panel colour
 - Radiator grille in silver
 - tritop fabric soft top in black (cabriolet)
 - Upholstery colour: design black
 - Fabric elements on instrument panel, door trim and knee pad; colour: coordinated with upholstery
 - Contrast components in the colours: pearl black, pearl red or pearl beige; colour: coordinated with upholstery

- Option with no additional charge:**
- body panels in deep black, rally red or crystal white
 - tridon safety cell in black (in conjunction with door mirror caps in black)
 - tritop fabric soft top in red (cabriolet)
 - Upholstery colours: design red (design beige (fabrics))

- Option with additional charge:**
- electric drive design package: tridon safety cell (incl. door mirror caps in electric green, body panels in crystal white; upholstery in design black with contrast components in electric green, 12-spoke alloy wheels painted in crystal white, with front: 155/60 R 15 and rear: 175/55 R 15
 - tridon safety cell in white (in conjunction with door mirror caps in white)
 - body panels in silver metallic, grey metallic, light blue metallic or anthracite matt
 - tritop fabric soft top in blue denim look (cabriolet)
 - Leather package including heated leather seats and dashboard in leather optic.

Interior

- Standard equipment:**
- 2-spoke leather steering wheel (incl. leather gear knob)
 - Air conditioning with automatic temperature control (incl. dust and pollen filter)
 - Pre-entry climate control of the interior during the charging process
 - Three stations
 - Interior lighting
 - Storage compartments on passenger side and next to steering wheel
 - Net pockets in the doors and sides of rear backrests
 - One holder (coupé)
 - Make-up mirror in passenger sun visor
 - Passenger seat backrest can be folded right down for through-loading
 - Floor compartment (lockable) with clip function
 - Storage compartment in tailgate with insert for charging cable (coupé)
 - Storage compartment in tailgate with insert for roof bars (cabriolet)
 - Clip holder
 - Heated seats (2-level with automatic switch-off function)
 - Sound system (2 tweeters (in instrument panel), 2 mid-range speakers, 1 subwoofer)

- Option with no additional charge:**
- Insert for charging cable instead of roof bars in tailgate compartment (cabriolet)
- Option with additional charge:**
- 3-spoke leather sports steering wheel with cruise control (incl. leather gear knob)
 - 3-spoke leather sports steering wheel with roller switches for manual battery recuperation (incl. leather gear knob)
 - Floor compartment (lockable) with clip function
 - "Storage box"
 - "Snaker's kit"
 - Door sill, set of 2
 - Cabriolet wind deflector

- Audio system navigation/multimedia (RDS radio with 16.5 cm x 6.7" touch-screen display, navigation, Bluetooth® hands-free system, AUX/USB, iPod interface, CD/MP3/SD, incl. 2 loudspeakers)
- Surround sound system (2 tweeters (in mirror triangle), 2 mid-range speakers, 1 subwoofer, 2 rear film, 1 digital amplifier)
- smart cruise for the iPhone® 3/3GS/4/4S

Functional/electrical equipment

- Standard equipment:**
- Electric power steering
 - Audio system basic (RDS radio with AUX/USB and 2 loudspeakers (incl. driver))
 - Instrument cluster with trip-computer display (information on state-of-charge and remaining charging time; remaining range; fuel-efficient driving; ready-to-start indicator and gear display, set vice interval indicator (trip recorder, check, engine temperature indicator with frost warning))
 - Dashboard instruments (battery charge indicator and power indicator)
 - Indicators with lane changer function
 - Headlamp range adjustment (manual)
 - Center windows: opens with speed-sensitive interval wiping and automatic wipe/wash function
 - Rear window wiper with interval wiping and automatic wipe/wash function, automatically switched on when reversing (coupé)
 - One-hand operation of tailgate, with electric release (coupé)
 - Central locking with radio remote control and immobilizer (charging socket cap integrated)
 - Rear window release (coupé) or remote roof release (cabriolet) via 1-button key
 - 120 volt charging cable for normal charging
 - Electrically adjustable and heated door mirrors

- Vehicle networking via power line communication to call up vehicle information and control various functions (pre-qualify: internet-capable charging socket with HomePlug AV adapter)
- Vehicle networking via communication module (mobile network) to call up vehicle information and control various functions

- Option with additional charge:**
- Front fog lamps*
 - Ambient lighting in the interior (door pockets, footwell, instrument panel and overhead console, dimmable)

*Not in conjunction with snaker's kit. **Not in conjunction with storage box. ***Not in conjunction with LED daytime driving lights.

>> Equipment.

Safety

- Standard equipment:**
- tridon safety cell
 - esp® – electronic stability programme
 - abs – anti-lock braking system with electronic brake force distribution
 - Pedestrian sound module
 - Breakdown kit
 - First aid kit
 - Hydraulic dual-circuit brake system with ser vo assistance
 - Hydraulic brake assist
 - Automatic hill start assist (on uphill slopes)
 - Full-size driver and passenger airbag
 - Head/thorax side airbags
 - Safety seats with integral seat belts
 - Rear belts with belt tensioners and belt-force limiters
 - Crash elements at front and rear
 - Crash sensor (auto switch-on of hazard warning lights)
 - drive lock – automatic door locking when the vehicle is in motion
 - Rear airbags
 - Window airbags (coupé)
 - Side airbags (coupé)

- Option with additional charge:**
- Anti-theft alarm system
 - Hazard triangle
 - Tire pressure monitoring system

Accessories

- HomePlug AV Adapter¹
- Yellow floor mats in electric drive design (electric drive lugs and edging in electric green)
- Yellow floor mats in smart design
- Ribbed floor mats
- All-weather floor mats
- Set of bags for storage compartments
- Rubber mats for storage compartments (set of 3)
- Spectacles compartment
- Luggage compartment management system
- Luggage fastener
- Boot tray
- Net set for luggage compartment
- Protective divider plus (incl. luggage compartment cover)
- Multifunctional box for luggage compartment
- 240 volt "Level II" charging station

¹On request from your local smart Center.

>> Technical data.

smart fortwo electric drive coupé/cabriolet

Motor (type)	Electric motor (magneto-electric motor)
Continuous output in kW	35
Max. power in kW	55
Max. torque in Nm	130
Acceleration 0 – 60 km/h in s	4.8
Acceleration 0 – 100 km/h in s	11.5
Maximum speed in km/h	125
Range in km*	138
Battery capacity in kWh	17.6
Battery type	Lithium ion
Number of battery cells	93
On-board charger in kW	3.3 (230V)
Charging time (120 V) without "Level II" charging station in h	16
Charging time (240 V) with "Level II" charging station in h	8
CO ₂ emissions (combined) in g/km [†]	0
Vehicle length/width/height in mm	2095/1559/1565
Wheelbase in mm	1867
Track width (front/rear) in mm	1283/1385
Turning circle in m	8.75
Luggage compartment capacity in l***	220–340
Cur b weight (without driver), max load in kg	900/250 (coupé), 920/230 (cabrio)



*The range may be reduced depending on the individual driving style, road and traffic conditions, outside temperature, use of air conditioning/heating, etc. **The information does not relate to an individual vehicle and does not form part of an offer. It is intended solely for the purpose of comparison between the different vehicle types. ***Up to roof.

smart Customer Relations

(Call free from landline. Charges for calls from mobile networks may differ.)
1-877-627-8004



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