# DISCOVER THE BMW i3.

DAMA

Discover a new dimension in driving pleasure with the quick-start guide to the electric BMW i3.

**BMW i. BORN ELECTRIC.** 

MoPN 3753

# STARTING.



### 1. Start/Stop button

Press the Start/Stop button. The blue light on the Start/Stop button comes on to indicate that the BMW i3 is ready to go. "Ready" appears on the display and you hear a signal.



Because driving is nearly silent, please pay special attention to pedestrians and cyclists as they will not hear the car.

## 2. Gear selection lever

The gear selection lever next to the steering wheel is used to select Drive (D), Neutral (N) and Reverse (R).

## 3. Parking lock (P)

To park the BMW i3, press the P button on the gear selection lever and also apply the parking brake in the centre console.

# EXPERIENCING THE "ONE-PEDAL FEELING".

The BMW i3 accelerator pedal allows you to accelerate the car, but you can also use it to save energy or charge the high-voltage battery as you brake.

## 1. Acceleration: ePower

To accelerate, press the accelerator pedal beyond the Coast position.

## 2. Cruising: efficiency

When the BMW i3 is coasting, it glides along with extremely low energy consumption. Instead of accelerating, it simply maintains the current speed.

### 3. Brake energy regeneration: charge

The BMW i3 brakes if you press the accelerator pedal lightly or stay off the pedal completely (Charge position). The position of the pedal regulates the rate of energy recuperation.

During energy recuperation, the electric motor in the BMW i3 works like a generator, converting the kinetic energy of the BMW i3 into electric power, which is stored in the high-voltage battery.

If you keep your foot off the accelerator pedal, the level of energy recuperation is higher and braking is stronger. If you press the pedal lightly, recuperation is lower and braking is more gentle.

During energy recuperation, you will see Charge on the display.





# EXTENDING THE RANGE.

## Dynamic range display

The BMW i3 range display uses data provided by complex software to analyse a host of key factors in real time, including information on personal driving behaviour, the topography of the surroundings, temperatures, the selected driving mode, the planned route and the use of air-conditioning and heating systems – all within a split second. The result is not just extreme accuracy, it is also much easier to understand the impact of driving patterns and environmental factors.

## **Driver profiles**

The two driver profiles shown below – City and Commuter – are for two typical uses of the BMW i3 in the summer and winter.

The City profile is for journeys in urban areas, so there are frequent energy recuperation phases, including times of standstill. Apart from taking frequent deceleration into account, the profile includes typical driving speeds between 0 and 60km/h.

The Commuter profile is based on one third of the time driving in busy urban traffic, one third on country roads and one third on motorways.



# EXTENDING THE RANGE.



To complement the default COMFORT setting, the BMW i3 also offers two special driving modes to help you extend driving range. To select the required driving mode, press the driving experience switch until you see ECO PRO or ECO PRO+ in the display.

## **ECO PRO**

When you select ECO PRO mode:

- the air conditioning or heating is turned down
- the heating in the wing mirrors, rear window and seats is reduced (or activated for shorter time periods)
- you can set the maximum speed to between 90km/h and 130km/h
  (by selecting "configure ECO PRO", using the driving experience switch or iDrive, this limit can, if required, still be exceeded by pressing the accelerator pedal)

## ECO PRO+

When you select ECO PRO+ mode, the following settings are also changed:

- the air conditioning, heating and seat heating are completely switched off
- the maximum speed is set to 90km/h (this limit can, if required, still be exceeded by pressing the accelerator pedal)

# EXTENDING THE RANGE.

## Preconditioning

The performance and range of the BMW i3 are at their best at an outside temperature of 20°C. For this reason, when the temperature is higher or lower outside, we recommend using the BMW i Remote App to set the optimum operating temperature for the battery before driving. A welcome benefit of this is that the app can also be used to regulate the temperature inside the car. Especially in winter, this improves comfort and the driving range.





The BMW i Remote App for iOS and Android can be downloaded for free in the Apple App Store or Google Play Store.

### Heat pump system

Heating in an electric vehicle is sourced from electric power because there is no combustion engine to provide thermal energy. This is why the BMW i3 comes with an optional heat pump, which is activated automatically and extracts energy from the air around the car. This can raise energy efficiency by up to 50% compared with conventional heating systems. Not only does this keep the temperature at a comfortable level, depending on the outside temperature, it can also extend the driving range by up to 30%.

## **Range Extender (REX)**

The optional Range Extender is located next to the electric motor at the rear of the BMW i3. Its job is to double the driving range in COMFORT mode. The compact and near-silent two-cylinder petrol engine drives a generator to keep charge levels constant and allow the BMW i3 to keep driving on electric power. If the battery level drops below 7%, the Range Extender clicks in automatically. You can also activate the system manually at any time using the iDrive system.

# PUBLIC CHARGING.



## < 3 h QUICK CHARGING using an alternating current (AC) charging station The entiaged AC David Charge cable can be used at any public

The optional AC Rapid Charge cable can be used at any public charging facility to charge your BMW i3.

- Charging time: 80% in < 5 hours
- Charging current: up to 20A, single-phase
- Charging capacity: 4.6kW
- Only in conjunction with Fast charge AC/DC option (4U7/4U8)
- Go to chargenow.com for an overview of available AC Fast charge stations



## < 1 h FAST CHARGING using a direct current (DC) charging station

With the Fast Charging option you can charge your BMW i3 in the shortest possible time at a DC charging station while away from home.

- Charging time approx. 30 minutes
- Only in conjunction with the Fast charge AC/DC option (4U7/4U8)
- Go to chargenow.com for an overview of available DC Fast Charge stations

# HOME CHARGING.

< 8 h Standard charging You can use the standard charging cable to charge your BMW i3 through any conventional electrical socket using alternating current (AC). The cable comes as standard and is located in the front storage compartment of your car.

- Charging time: 80% in < 8 hours</li>
- Charging current: up to 12A, single-phase
- Charging capacity: up to 2.7kW



## Wallbox Pure

< 5 h Wallbox Pure The Wallbox Pure is the classic BMW i charging station. Our installation service team will be happy to set it up for you at home. If required, we can also help you arrange a green energy contract.

- Charging time: 80% in < 5 hours
- Charging current: up to 20A, single-phase
- Charging capacity: up to 4.6kW
- Only in conjunction with the Fast charge AC/DC option (4U7/4U8)

### Wallbox Pro < 5h

The Wallbox Pro is the most intelligent BMW i charging station for use at home. This system allows several users to set up their own personal profiles. It comes with a high-resolution touchscreen so users can follow every step of the charging process. It can even be connected to your own smart home system. This allows you to set up features like charging with self-generated solar energy.

- Charging time: 80% in < 5 hours
- Charging current: up to 20A, single-phase
- Charging capacity: up to 4.6kW
- Only in conjunction with the Fast charge AC/DC option (4U7/4U8)
- Load management and display of charging history



# WHEN YOU MOVE FIRST, THE WORLD MOVES WITH YOU. BMW i3.

# CHARGE THROUGH ANY SOCKET.

## Standard charging using alternating current (AC) from conventional sockets

The standard charging cable is located in the front storage compartment of the vehicle. As electrical sockets can have different safety fuse protection, we recommend having all electrics checked by a qualified electrician before carrying out your first charging process at home.



If you use a socket that has not been checked by a qualified electrician, or you are not sure how a power outlet has been fused, we recommend that you select the Low setting under the Charging option in the menu under Settings.

## Important things to note during the charging process:

- 1. Put the car in Park (P) and switch off the electric motor.
- 2. If necessary select the strength of the electric current before charging.
- 3. Do not use an extension cable.
- Always connect/disconnect the charging cable in the following sequence:
  - First connect the cable to the socket, then connect it to the vehicle.
  - First disconnect the cable from the vehicle, then disconnect it from the socket.
- 5. Lock the car. Your BMW i3 must be locked to start the charging process.

## CHARGING

# LED SIGNALS.

## 1. White LEDs: clear signal

The white light on the charging connector is there to help you line up the cable when connecting and disconnecting the charging plug.

## 2. Red LEDs: error during charging

If there is a problem with the charging process, the LEDs will flash red.

## 3. Orange LEDs: initialising

The system will begin initialising once you have connected the plug properly. It takes no more than 10 seconds for data to be exchanged between the charging station, the socket/Wallbox and your BMW i3. While this is happening, the LEDs flash orange.

## 4. Blue LEDs: charging in progress

The LEDs flash blue to indicate that charging has started. Note that the blue LEDs go out after several minutes and the charging process continues without visual cues.

## 5. Green LEDs: charging complete

As soon as the high-voltage battery is fully charged, the LEDs turn green and stay on.



## CONNECTIVITY

# BMW CONNECTED DRIVE.





The BMW i3 comes with an integrated SIM card as standard to keep you connected with the outside world at all times. This allows you to make full use of the services offered by BMW ConnectedDrive and get to your destination on time.

The BMW i Remote App allows you to control your BMW i3 from anywhere via smartphone or smartwatch. At any time, you can:

- check the battery charge level and the electric driving range
- monitor your BMW i3 when it is connected to a charging station this allows you to check the charging process remotely and determine when you can depart, based on when the BMW i3 should be fully charged and preconditioned.

The intermodal routing feature recommends alternative means of transport if there is heavy traffic and it will even guide you to the nearest Park&Ride garage.

The dynamic range map in the optional navigation system gives you a clear overview of your driving range, either under the current driving mode or if you switch to the most efficient driving mode using ECO PRO+. If the highvoltage battery is not sufficiently charged, the range assistant will make sure you get to your destination by recommending that you select a more efficient driving mode or switch to an ECO PRO route. Alternatively, it will suggest that you stop at an available charging station along the way. The system also displays other available charging stations on the navigation system.



# WHAT TO DO IN AN EMERGENCY.

### Always stay calm and

- turn on your hazard warning lights
- wear light, bright or high-visibility clothing
- alert other drivers to the breakdown or accident with a warning triangle (50 metres on country roads, 100 metres on motorways)



## 24-hour telephone service hotline: +49 (0)89 55 20 90 90

If you are on a motorway, look for the nearest roadside emergency telephone to call for help. Ask specifically to be connected to the BMW Mobile Service and make sure the operator knows that you have an electric vehicle.

You should at all cost avoid asking for help from a breakdown service provider (such as the AA in England or ADAC in Germany). Only car owners can call for repairs and maintenance services.



Never use a tow rope or tow bar to move a BMW i3. Always contact a specialist with a tow truck that has a special loading area to transport the car, otherwise the high-voltage system may be damaged.