



The Ultimate
Driving Machine

VISIONARY CHARGING SOLUTIONS.



CONVENIENT AT ALL TIMES,
WHEREVER YOU GO.

THE INTELLIGENT CHARGING SOLUTIONS FROM BMW i.

BMW i has taken up the position of worldwide market leader in the field of electromobility. In addition to fascinating vehicles that offer the very highest level of agility and everyday practicality, a comprehensive product concept is also essential to market success.

This is where the BMW Group range is different from that of all other competitors. BMW i entirely redefines the concept of individual mobility – from consistent sustainability along the entire value creation chain through to intelligent mobility services and innovative charging solutions.

New charging solutions for fresh reserves of energy.

The new BMW i3 is a milestone in the advancement of future-oriented electromobility. With a battery capacity expanded to 94 ampere hours, the range of the vehicle has been increased up to 125 miles in everyday use – even in adverse weather conditions and when using the air conditioning or heating.

The enhanced charge volume of the battery means that charging devices have had to be advanced, too. For this reason the new generation of the BMW i Wallbox has been developed, enabling 3-phase charging for even greater convenience and charging speed. Whilst for public charging the AC Rapid Charging Cable also allows 3-phase charging.

Suitable for all electrically powered vehicles.

With registration figures rising continuously, it goes without saying that all BMW iPerformance models (PHEV) benefit from the advantages of the new BMW i Wallboxes. And incidentally: other makes of car can also be simply charged using BMW i charging solutions.



THE BMW i CHARGING CONCEPT.

HOME CHARGING.



OVERVIEW OF CUSTOMER BENEFITS OFFERED BY THE
BMW i WALLBOXES:

- **Maximum charging capacity and speed.**
Up to 85% faster charging.*
- **Future-proof charging technology.**
Thanks to 3-phase charging.
- **Plug & Play.**
Charging starts automatically.
- **Highly functional with innovative additional benefits.**
Wide range of innovative functions.
- **Safety.**
Certified and tested according to international standards.
- **More compact dimensions.**
40% less space required than the predecessor products.
- **Sustainable production.**
Housing made of recycled, environmentally friendly material.
- **Time-controlled charging.**
Enabling use of the most inexpensive electricity rates.
- **Absolutely weatherproof.**
Robust and weather-resistant plastic with multilayer finish.
- **Access rights for up to three users.**
With RFID authentication and chip card reader.
- **Integration in home network via Wi-Fi.**
For use of smart home applications.

*If connected to 3-phase supply.

CHARGING WHEN
OUT AND ABOUT.



AC FAST AND AC RAPID
CHARGING CABLE.
for public charging stations



PUBLIC CHARGING STATION.
ESB eCar public charge card enables
fast and simple use of public charging
stations across Ireland.



STANDARD CHARGING CABLE.
for household sockets
(comes with the vehicle)

THE NEW BMW i WALLBOX PRODUCT PORTFOLIO.



BMW i WALLBOX PLUS.

- Shorter charging time due to 1-phase or 3-phase charging technology: with 10–32 A and a capacity of up to 22 kW.¹
- Charging time is reduced by as much as 85% when compared to standard charging cable.²
- Less than four hours required for 80% charge.²
- Flexible and easy adaptation and installation to the house grid.
- DC leakage detection integrated.
- 5m cable length.
- Compact dimensions, reduction up to 40% smaller than predecessor Wallbox Pure/Pro.
- Multi-user enabled and access control via integrated RFID authentication.
- Can be upgraded to same functionality level as BMW i Wallbox Connect by retrofitting COM/Wi-Fi module.
- Can be controlled via BMW iV App (Apple iOS and Android devices).³



BMW i WALLBOX CONNECT.

- Same product features as BMW i Wallbox Plus.
- Integrated COM module, no additional device necessary.
- Future-proof with Wi-Fi module on board and PLC-ready.
- Enabling of Digital Charging Service (DCS), includes charging status, details and history, user management, remote control and diagnostics, rate-optimised charging, intelligent integration in home solar power system and solar-optimised charging.³
- Can be controlled via BMW iV App (Apple iOS and Android devices).



1. Charging capacity with 1-phase charging: up to 7.4 kW

2. Depends on existing power grid, vehicle equipment and other parameters.

3. Additional installation elements will be required.

THE NEW BMW i WALLBOX PRODUCT PORTFOLIO – A COMPARISON.

We have compiled the graphic below to allow you to compare the various features and capabilities of the individual BMW i Wallbox product variants:

	FAST CHARGING.	COMFORT FUNCTION.	ACCESS CONTROL.	LOAD MANAGEMENT. ²
	<ul style="list-style-type: none"> • 1-phase or 3-phase charging. • Charging with 10-32 A and a capacity of up to 22 kW. • Recharging to 80 % in less than 4 h¹. 	<ul style="list-style-type: none"> • Convenient handling (e.g. cable management). • Safe and clean charging process. 	<ul style="list-style-type: none"> • Unlocking the Wallbox for charging via personalised RFID card. • Useful, for example, for multi-users. 	<ul style="list-style-type: none"> • Regulation of charging power to give the max. available power and at the same time prevent an overload. • When all devices in the household are turned on, charging power is reduced, for example.
BMW i WALLBOX PLUS 	✓	✓	✓	✓
BMW i WALLBOX CONNECT 	✓	✓	✓	✓

1. Depends on existing power grid, vehicle equipment and other parameters.

2. Additional installation elements will be required.



OPERATION VIA
SMARTPHONE APP.²

- Charging can be controlled remotely via smartphone.
- Manual setting of start of charging, start/stop functionality.
- Setting of amperage.
- Local access via own home network.
- Basic charging history.

SMART HOME
INTEGRATION.²

- Compatibility with smart home systems.
- Current BMW i partners: myGEKKO and Loxone.

UPGRADE TO BMW
WALLBOX CONNECT.

- COM/Wi-Fi module can be retrofitted.
- Installation requires minimum effort.
- Enables full access to functionalities of Digital Charging Service (DCS).

USAGE OF EXTENDED BMW
DIGITAL CHARGING SERVICE.

- For example:
- Integration in home solar system and solar-optimised charging.²
 - Charging history of vehicle.



THE NEW BMW i WALLBOX PLUS.

Faster charging capacities combined with the latest technology and top-class charging comfort – that's the new BMW i Wallbox Plus. Compatible with all BMW i and BMW iPerformance vehicles.

HIGHER CHARGING SPEED.

Up to 22 kW charging capacity due to 1-phase or 3-phase charging technology. Future-proof for future generations of battery, too.

PLUG & PLAY.

Charging starts automatically as soon as the vehicle is connected to the charging plug, (with RFID function deactivated).

MAXIMUM SAFETY.

Certified and tested according to international standards (electrical protection class IP54 and mechanical protection class IK08).

ABSOLUTELY WEATHERPROOF.

Maximum weather resistance due to robust and weatherproof plastic and multilayer finish on the exterior parts.

TIME-CONTROLLED CHARGING.

Supports charging at individually selected times – so as to make use of the most inexpensive electricity rate, for example.

PRE-CONDITIONING.

Pre-heating or cooling of the vehicle during charging without using up vehicle battery power.

INTELLIGENT CHARGING MANAGEMENT.¹

Regulates charging energy. Maximum available charging current is guaranteed while preventing overload.

CONTROLLABLE.¹

Via BMW iV App (iOS, Android).

CHARGING HISTORY.¹

Data is recorded and can be accessed using the BMW iV App.

LOCAL INTEGRATION IN HOME NETWORK.¹

Enables use of smart home applications (current partners: Loxone and MyGekko).

1. Additional installation elements will be required.





PRACTICAL CABLE STORAGE.

Simply loop cable around unit.

COMPACT, MODERN DESIGN.

Elegant and ergonomic design with organic shaping. High-end, multilayer finish to match the look of the vehicle.

HIGH-END, SUSTAINABLE MATERIALS.

Housing made of high-quality and environmentally friendly material from certified sustainable production.

LED DISPLAY.

Status display in modern LED technology on the front panel.

BUILT-IN CHIP CARD READER.

Access rights to the BMW i Wallbox Plus for up to three users. User registration is via personalised RFID cards (supplied with the unit).

INTEGRATED DC LEAKAGE DETECTION.

Reduces installation effort, thereby saving costs.

Price: €796*

* Unit price only - additional installation costs will apply

THE NEW BMW i WALLBOX CONNECT.

The BMW i Wallbox Connect combines all the technical facilities and benefits of the new generation of BMW i charging products. Compatible with all BMW i and BMW iPerformance vehicles.

HIGHER CHARGING SPEED.

Up to 22 kW charging capacity due to 1-phase or 3-phase charging technology. Future-proof for future generations of battery, too.

PLUG & PLAY.

Charging starts automatically as soon as the vehicle is connected to the charging plug, (with RFID function deactivated).

MAXIMUM SAFETY.

Certified and tested according to international standards (electrical protection class IP54 and mechanical protection class IK08).

ABSOLUTELY WEATHERPROOF.

Maximum weather resistance due to robust and weatherproof plastic and multilayer finish on the exterior parts.

TIME-CONTROLLED CHARGING.

Supports charging at individually selected times – so as to make use of the most inexpensive electricity rate, for example.

PRE-CONDITIONING.

Pre-heating or cooling of the vehicle during charging without using up vehicle battery power.

INTELLIGENT CHARGING MANAGEMENT.¹

Regulates charging energy. Maximum available charging current is guaranteed, while also preventing overload.

CONTROLLABLE.¹

Via BMW iV App (iOS, Android).

CHARGING HISTORY.¹

Data is recorded and can be accessed using the BMW iV App or Digital Charging Service (DCS).

INTEGRATION IN HOME NETWORK VIA WI-FI.¹

Enables use of smart home applications (current partners: Loxone and MyGekko).

DIGITAL CHARGING SERVICE (DCS).¹

Enables overview of charging history for each vehicle, fully automatic selection of charging times and integration in home solar power system, providing sustainable charging with self-generated solar energy.

1. Additional installation elements will be required.





PRACTICAL CABLE STORAGE.

Simply loop cable around unit.

COMPACT, MODERN DESIGN.

Elegant and ergonomic design with organic shaping. High-end, multilayer finish to match the look of the vehicle.

HIGH-END, SUSTAINABLE MATERIALS.

Housing made of high-quality and environmentally friendly material from certified sustainable production.

LED DISPLAY.

Status display in modern LED technology on the front panel.

BUILT-IN CHIP CARD READER.

Access rights to the BMW i Wallbox Connect for up to three users. User registration is via personalised RFID cards (supplied with the unit).

INTEGRATED DC LEAKAGE DETECTION.

Reduces installation effort, thereby saving costs.

Price: €1,080*

* unit price only - additional installation costs will apply

BMW i CHARGING ACCESSORIES.



AC FAST CHARGE CABLE.

The AC Fast Charging Cable can transmit currents of up to 32 A (depending on vehicle fittings and the local power infrastructure). In this way the BMW i3 can be charged up to three times faster than with the standard charging cable supplied with the car. The AC Fast Charge Cable has a standard type 2 plug (CE Certified) which allows public charging throughout Ireland. The cable is perfectly packaged with a flat coil and matching pouch which saves up to 60% space in the luggage compartment when compared to conventionally spiralled cables. Suitable for charging all BMW i and BMW iPerformance models.

Part number: 61 90 2 445 069

Cost: €223



AC RAPID CHARGE CABLE.

The new AC Rapid Charge Cable enables maximum flexibility with charging currents of up to 32 A per phase. Depending on the vehicle, 1-phase charging is possible at up to 7.4 kW or 3-phase at max. 22 kW – a future-proof technology. The cable is perfectly packaged with a flat coil and matching pouch, while gloves are included for clean handling. Suitable for charging all BMW i and BMW iPerformance models.

Part number: 61 90 0 003 163

Cost: €320



CABLE MANAGER.

The BMW i Cable Manager is the perfect supplement to the BMW i Wallboxes. Attached to the wall at an ergonomic height, it holds long charging cables or the standard charging cable and makes day-to-day plugging and unplugging of the cable very straightforward. It is simple to handle, suitable for outdoor use and designed to match the BMW i models.

Part number: 61 90 2 353 293

Cost: €87

THE BMW i INSTALLATION SERVICE.



THE BMW i INSTALLATION SERVICE.

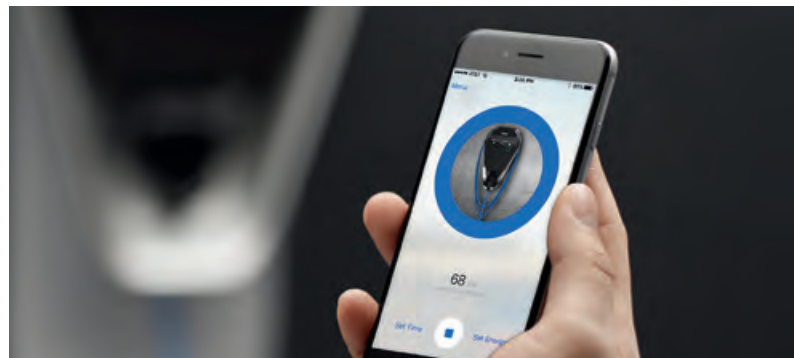
Our official installation partner, Carra (Ireland) Limited guarantee a reliable solution from installation to start up. Your local BMW Retailer will order the BMW i Wallbox on your behalf and Carra (Ireland) Limited will manage unit installation and all post installation queries.

The assurance of quality is fundamental to all work undertaken by Carra (Ireland) Limited and is practiced by all personnel in their daily activities. ECSSA accreditation ensures that Carra (Ireland) Limited has put in place policies, procedures and systems which will ensure that work is carried out to the highest levels of safety and in accordance with current ETCI Wiring Rules.

Please note; for smartphone/remote access to the BMW i Wall box a home network connection is optionally possible, dependent on survey and at an additional cost.

BMW iV APP.

The new BMW iV App allows the customer to access the latest information via the BMW i Wallbox Plus or Connect. It provides feedback on charging status and displays power consumption every time the vehicle is charged. The BMW iV App also allows presetting of the duration and volume of charging, and each vehicle charging operation is easy to start and finish via smartphone. The app is available for Apple iOS and Android devices.



BMW CONNECTED APP.

The extended arm of BMW i on a smartphone – ensuring you have everything in view all the time. BMW Connected App for iOS and Android gives you detailed information regarding the current status of your BMW i vehicle. This includes range display, battery and charge status, service messages and also the car's location.

What is more, the BMW Connected App helps customers plan their route by providing important destination details such as vacant charging stations. The app is available for Apple iOS and Android devices.





QUESTIONS & ANSWERS ON THE BMW i WALLBOXES.

“Can the Wallbox be connected to any building power system?”

Essentially yes. The Wallbox is simple and quick to connect when the installation has been prepared. If necessary, the BMW i Installation Service electrician can optimise the charge capacity of the Wallbox to allow adaptations to the power supply of the building.

“Do I need high-voltage electricity to install the Wallbox?”

No. The Wallbox can be connected to high-voltage electricity, e.g. AC 400 V / 3-phase however connection to AC 230 V / 1-phase is also possible.

“Where can I install the Wallbox?”

The Wallbox can essentially be installed on any flat surface (garage, wall, pillar) both indoors and outdoors.

“What happens if the Wallbox is defective?”

All BMW i Wallboxes are subject to a 3 year warranty from the date of first installation. The expert BMW i Installation Service identifies and eliminates faults on site. If necessary, a replacement will be offered right away. Until the fault has been eliminated, you can simply charge your car at a regular socket using the standard charging cable – allowing you to stay mobile.

“How long does it take to charge my vehicle?”

When using the BMW i Wallbox at your property, the lithium-ion high voltage battery can be charged (0 – 80%)¹ as follows:

BMW i3	<4hrs
BMW i8	<2hrs
BMW 225xe / BMW 330e	<1.6hrs
BMW 530e / BMW X5 xDrive40e	<2.5hrs
BMW 740e	<2.1hrs

¹ Dependent on the local electricity infrastructure. Based on single-phase supply current of max 32A.

“I have a private energy generation system – can I connect the Wallbox to it?”

A special interface between the private energy generation system and the Wallbox is not required. This means that any system, whether a solar energy system or a CHP (combined heat and power plant), can be connected to the Wallbox. For this purpose additional smart meters are required with the Wallbox, which integrates this interface. If there is no private energy generation system available, e.g. from a solar system or a CHP, the car is charged with power from the grid. This is only possible with the Wallbox Connect.

“How can I protect my Wallbox from unauthorised use?”

The Wallbox can be protected from unauthorised use by means of the supplied RFID cards.

“I have a Smart Home system, can I integrate with my Wallbox?”

The Wallbox supports integration with Smart Home systems. However, the range of functions available is dependent on the Smart Home system installed*.

*Compatibility and survey dependent, additional costs may apply.



**The Ultimate
Driving Machine**

For further information on charging or to purchase a BMW i Wallbox and installation, please contact your nearest BMW Retailer or the BMW Customer Service Line for Ireland on 1890 940 106.