



Media Information  
21 December, 2016

## **The BMW 530e iPerformance Saloon.**

- The world's most successful business saloon is now also available as a plug-in hybrid.
- Lithium-Ion high voltage battery with a capacity of 9.2kWh.
- Most efficient BMW 5 Series ever at 46g/km of CO<sub>2</sub>.
- Pure electric range of 29 miles.
- Available to order from mid-January, OTR prices start from £43,985.

In March 2017, a plug-in hybrid variant of the all new BMW 5 Series will complete the 5 Series range. Featuring technology derived directly from the BMW i brand, the BMW 530e iPerformance Saloon offers a dynamic driving experience with exceptionally efficient performance as well as all-electric mobility with zero tailpipe emissions, as and when required.

The intelligently controlled interaction between the combustion engine and the electric drive, which together generate a total system output of 252hp, gives the BMW 530e Saloon rapid acceleration while offering a substantial reduction in fuel consumption and emissions. The BMW 530e achieves combined fuel consumption of 141.2mpg, and a combined electricity consumption of 9.2kWh with CO<sub>2</sub> emissions of just 46g/km.

### **Power delivery on a par with a high-displacement combustion engine.**

The BMW eDrive system's state-of-the-art electric motor has an output of 95hp and maximum torque of 250Nm, while the four-cylinder combustion engine with its 2.0-litre displacement generates 184hp and 320Nm of torque. The overall system output of 252hp and combined peak torque of 420Nm allows the BMW 530e to sprint from zero to 62mph in 6.2 seconds and enable it to reach a top speed of 146mph while CO<sub>2</sub> emissions of the BMW 530e are just 46g/km.

The BMW 530e iPerformance has a range of nearly 400 miles in real-world driving and is capable of covering distances of up to 29 miles using purely electric power at a maximum speed of 87mph. The electric motor and combustion engine direct their

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power to the saloon's rear wheels via the standard eight-speed Steptronic transmission. Positioning the electric motor upstream from the transmission allows the transmission's ratios to be used in all-electric mode too. This dispenses with the need for a torque converter, reducing the overall weight of the vehicle.

The high-voltage battery pack, consisting of lithium-ion cells with a total capacity of 9.2kWh, has been placed in a space-saving location underneath the rear seat and includes efficient refrigerant cooling with a highly integrated low-temperature circuit. Thanks to the battery's neat installation, the BMW 530e Saloon offers 410 litres of boot capacity and a flat load compartment floor. The high-voltage battery of the BMW 530e Saloon can be fully charged in under five hours from a standard domestic power socket and in under three hours if it is hooked up to a BMW i Wallbox (3.7 kW charging capacity).

Model	Power Hp	Torque Nm	0 – 62mph Seconds	Top Speed Mph	Combined Mpg	CO <sub>2</sub> Emissions g/km	OTR Price from
530e	Engine: 184 Electric: 95 Total: 252	Engine: 320 Electric: 250 Total: 420	6.2	155**	141.2 *	46*	£43,985

\* Figures are provisional, based on the EU test cycle and may vary depending on the tyre format specified.

\*\* Electronically limited

### **BMW eDrive adapts and anticipates.**

As well as the Driving Experience Control switch, with its SPORT, COMFORT and ECO PRO settings, drivers will also find an eDrive button at their disposal. This lets them tailor the BMW eDrive system's operation even more precisely to the journey ahead through three driving modes: AUTO eDRIVE, MAX eDRIVE and BATTERY CONTROL.

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AUTO eDRIVE ensures that the engine and electric motor interact to optimum effect in all driving situations and allows an all-electric top speed of 56mph. This mode is automatically activated as the default setting every time the vehicle is started. When MAX eDRIVE mode is selected, the BMW 530e Saloon drives on electric power alone. To do so, it uses the electric drive's full power and can attain a maximum speed of 87mph. However, if the accelerator is pressed through to kickdown the engine will cut in, which is handy should an extra boost of power be desired – when overtaking, for example.

BATTERY CONTROL mode lets the driver set the charge level for the high-voltage battery manually. The target value can be adjusted to between 30 and 100 per cent of maximum charge, allowing that proportion of the battery's capacity to be reserved for all-electric driving at a later point in the journey. The intelligent battery management of the BMW 530e Saloon either keeps the high-voltage battery's charge constant at the selected level or increases it to the pre-set value, with the electric motor acting as a generator. In this way, BATTERY CONTROL mode makes it possible to conserve or even increase the reserves of electric power while travelling on the motorway, for example, in order to ensure that an upcoming section through an urban area can be covered with zero local emissions.

#### **Discreet visual differentiation inside and out.**

Bespoke design touches on the exterior clearly identify the BMW 530e iPerformance Saloon. Blue kidney grille slats, blue wheel hub covers, the charging socket located between the front wheel arch and the A-pillar on the driver's side, the "eDrive" emblems on the C-pillars and, of course, the "530e" badge on the boot lid are the most noticeable identifying features of the plug-in hybrid variant.

When passengers open the doors, they are welcomed by illuminated sill panels bearing "eDrive" lettering and an interior that mirrors the sporty elegance of the exterior design, just as it does on all variants of the BMW 5 Series saloon. The BMW 530e additionally comes with an eDrive button on the centre console, along with specially designed displays for both the instrument cluster in front of the driver and the central information screen.

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#### **Latest-generation iDrive for even more intuitive operation.**

As in all the other models in the new BMW 5 Series line-up, the navigation, telephone, entertainment and vehicle functions grouped within the standard high-resolution 10.25-inch display can be controlled not only using the iDrive Controller, but also by simply touching the buttons on the display or with the help of the Intelligent Voice Assistant. BMW gesture control, which reacts to simple movements of the hand or fingers, offers users another option when it comes to operating these functions.

#### **All driver assistance systems and equipment features are available.**

The new BMW 530e Saloon includes an extensive range of assistance systems which can also be used when driving in eDrive mode. These are not only important at critical moments but also in less demanding situations at the wheel, such as traffic jams, slow-moving traffic and monotonous stretches of motorway.

New features in the BMW 5 Series alongside the evasion aid and Crossing traffic warning are the Lane Change Assistant and Lane keeping assistant with active side collision protection. The latter keeps an eye on the lane markings and the area around the car, and actively helps the driver to avoid looming collisions by applying corrective steering inputs. The optional Active Cruise Control (ACC) and Lane Keeping Assistant now come with new functions. These include importing the speed limits relayed by Speed Limit Assist to the Active Cruise Control system, with the driver also having the option of setting a margin of variation of +/- 10mph. This feature brings the BMW 530e a step closer to automated driving, as does the Steering and lane control assistant; with this system, the vehicle helps the driver maintain a safe distance, accelerate, brake and stay in lane when travelling at speeds between zero and 130mph.

#### **BMW Connected Onboard: the personalised start screen.**

BMW has introduced an all-encompassing digital concept designed to aid personal mobility. Using a flexible platform called the Open Mobility Cloud as a basis, BMW Connected seamlessly integrates the vehicle into the user's digital life via multiple touchpoints, such as an iPhone, Apple Watch, Android smartphone, smartwatch or Amazon Echo. Further new functions have been introduced in the new BMW 5

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Series Saloon, for example BMW Connected Onboard, which allows personalised information such as the next navigation destination, estimated arrival time and current weather conditions at the destination to be shown on the car's display. BMW Connected is additionally able to seamlessly transfer the user's personal agenda for the day from their smartphone straight to their car, knowing your next destination which can be accepted with a single click.

Surround View and 3D View offer peace of mind to anyone who frequently finds themselves manoeuvring in awkward traffic situations in city centres by allowing them to keep an eye on the area surrounding their BMW 5 Series at all times. The system shows a bird's-eye view of the driver's car as well as a three-dimensional image of the traffic situation. With the Remote 3D View technology integrated into BMW Connected, these three-dimensional views of the vehicle's surrounding area can now be accessed from smartphones too, allowing owners to quickly check on their parked car no matter how far away it is. The image data is transmitted over the mobile phone network to the mobile device.

#### **Email access with Microsoft Exchange.**

BMW is now the first carmaker to offer Microsoft Office 365 users a secure server connection for exchanging and editing emails, calendar entries and contact details thanks to the car's built-in Microsoft Exchange function. This seamless integration enables users to stay productive while on the road. Addresses from appointments can be imported straight into the navigation system and telephone numbers on the Office 365 address book or within meeting invites or email text can be dialled directly from a linked phone.

The BMW 530e is the latest Plug-in Hybrid Electric Vehicle (PHEV) in the BMW range following the BMW X5 xDrive40e, BMW 225xe, BMW 330e, BMW 740e and the BMW 740Le xDrive. All models benefit from the technology and know-how transferred from BMW's i brand.

The BMW 530e is available to order from mid-January and OTR prices start at

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£43,985.

**Ends**

#### **The BMW Group**

With its three brands BMW, MINI and Rolls-Royce, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. As a global company, the BMW Group operates 31 production and assembly facilities in 14 countries and has a global sales network in more than 140 countries.

In 2015, the BMW Group sold approximately 2.247 million cars and nearly 137,000 motorcycles worldwide. The profit before tax for the financial year 2015 was approximately € 9.22 billion on revenues amounting to € 92.18 billion. As of 31 December 2015, the BMW Group had a workforce of 122,244 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company has therefore established ecological and social sustainability throughout the value chain, comprehensive product responsibility and a clear commitment to conserving resources as an integral part of its strategy.

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