

# BMW PLUG-IN HYBRIDS 2019. DETAILED INFORMATION.



# BMW PLUG-IN HYBRIDS MODEL YEAR 2019. IMPROVEMENTS AND TECHNICAL FEATURES.



BMW 745e, BMW 745Le  
and BMW 745Le xDrive



BMW 330e



BMW X5 xDrive45e



BMW X3 xDrive30e



New battery  
fourth  
generation



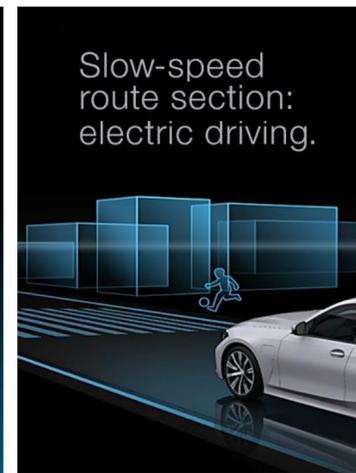
New user  
interface



Charging



Xtra  
Boost



Anticipatory  
hybrid drive



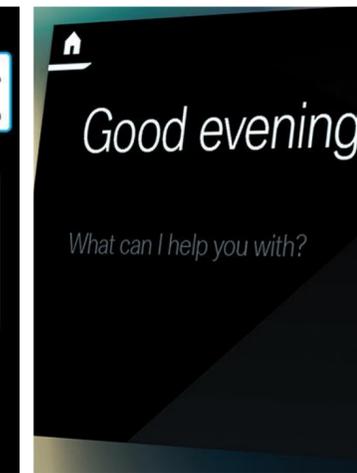
Adaptive  
recuperation



Pedestrian  
protection



Connected  
Drive



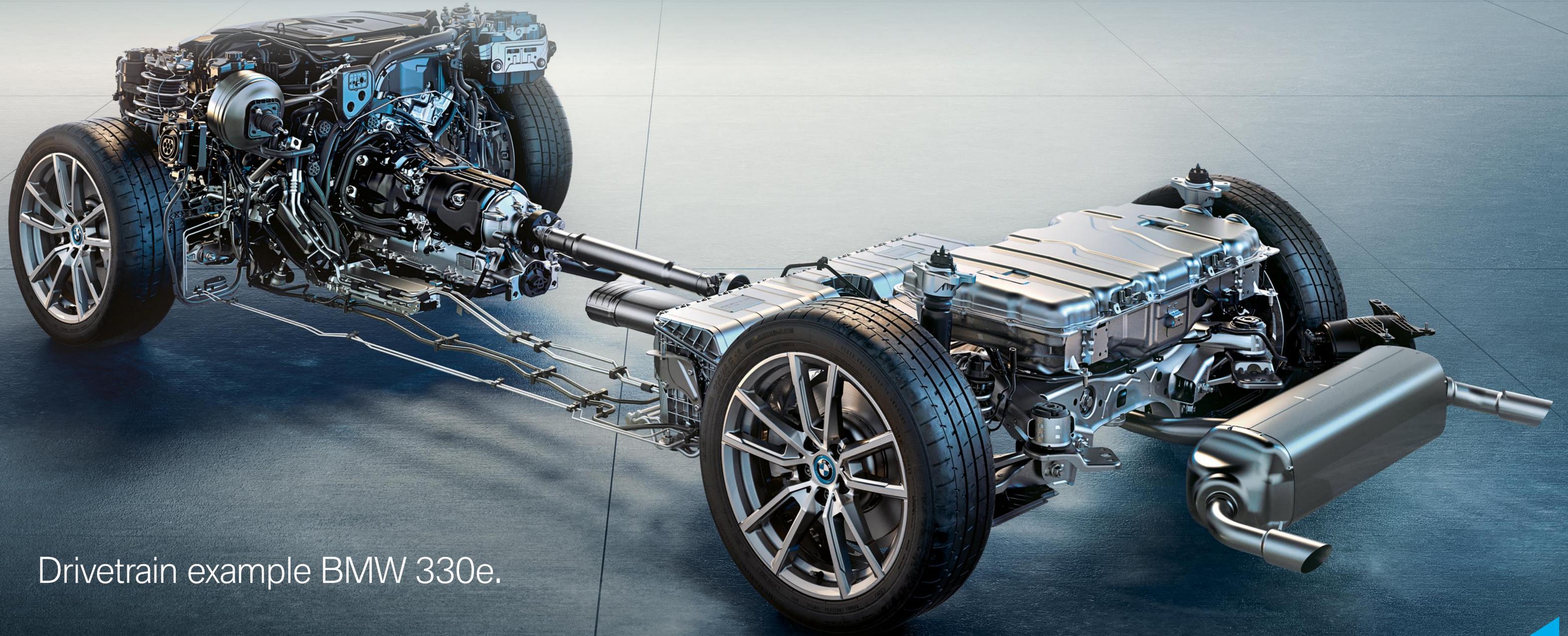
BMW Intelligent  
Personal  
Assistant



# NEW BATTERY FOURTH GENERATION.

Available for all  
new BMW Plug-in  
hybrids launched in 2019.

➤ Significant increased eRange: up to 50 - 80 km (NEDC).



Drivetrain example BMW 330e.



# NEW DRIVING EXPERIENCE CONTROL AND DISPLAYS. EXAMPLE BMW 745e.

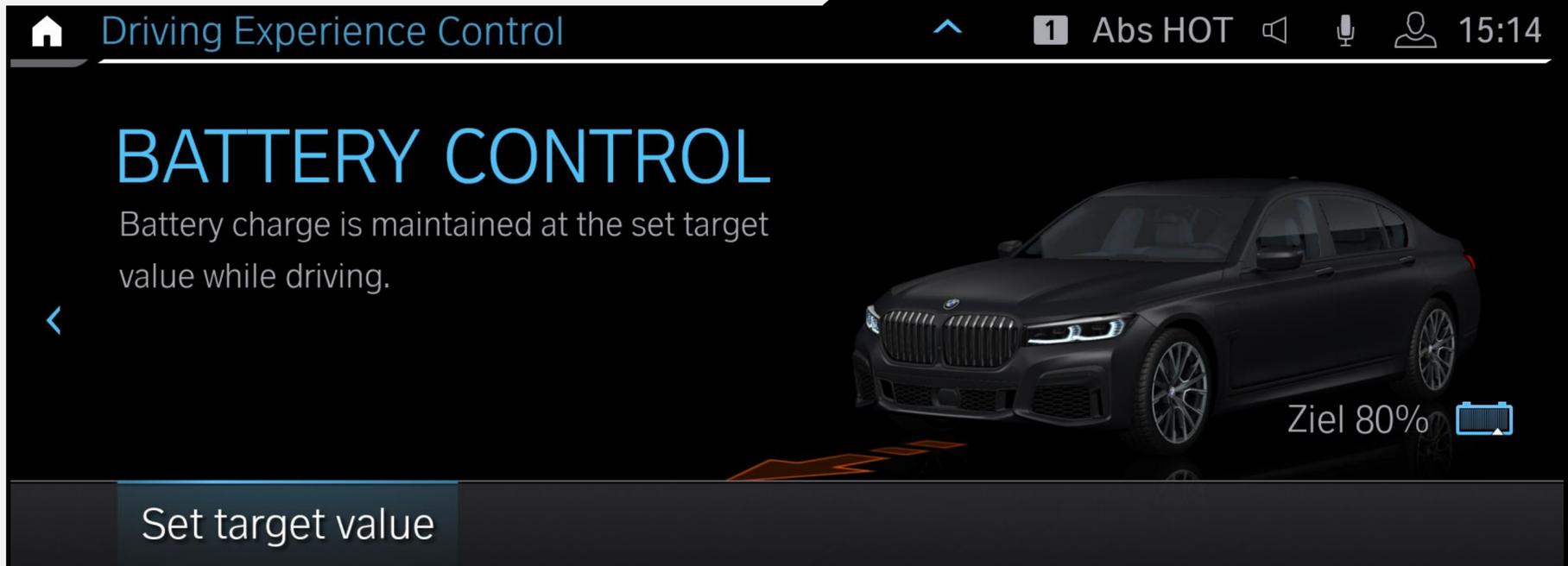
BMW 745e  
BMW 330e  
BMW X5 xDrive45e

➤ Direct selection of Electric and Sport Mode. New modes Electric and Hybrid. BMW Live Cockpit comes as standard.

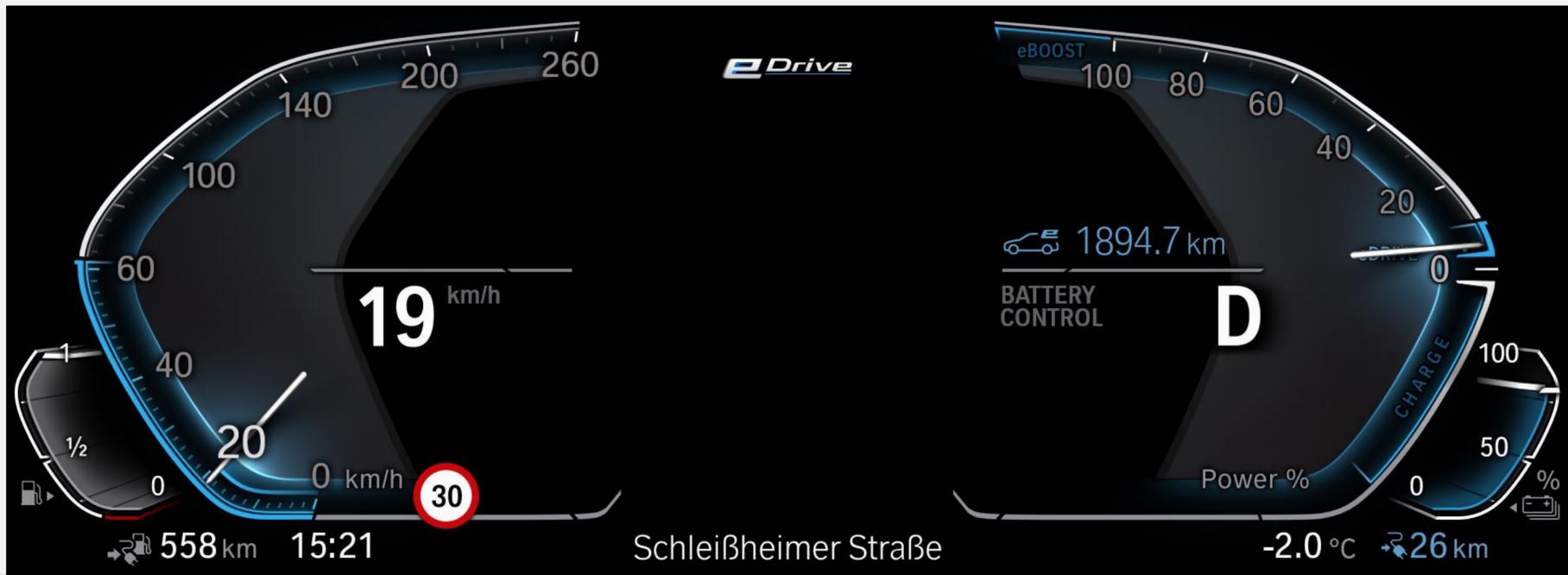
## BATTERY CONTROL



Central Information Display



Display Instrument Cluster



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BMW 745e  
BMW 330e  
BMW X5 xDrive45e

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## BATTERY CONTROL



Central Information Display

Configure BATTERY CONTROL

A circular gauge with a blue needle pointing to 80%. The gauge has markings at 30, 40, 50, 60, 70, 80, 90, and 100. A battery icon is in the center with "80%" below it.

Abs HOT 15:15

The set state of charge is maintained automatically while driving. Minor variations may occur.

Display Instrument Cluster

The instrument cluster is split into two main sections. The left section is a speedometer with a needle at 19 km/h and a tachometer with a needle at 20. The right section is a battery control display with a needle at 80% and a "D" gear indicator. The display also shows "eBOOST" and "CHARGE" indicators.

1894.7 km  
BATTERY CONTROL  
D  
Power %

558 km 15:21 Schleißheimer Straße -2.0 °C 26 km

# NEW DRIVING EXPERIENCE CONTROL AND DISPLAYS. EXAMPLE BMW 745e.

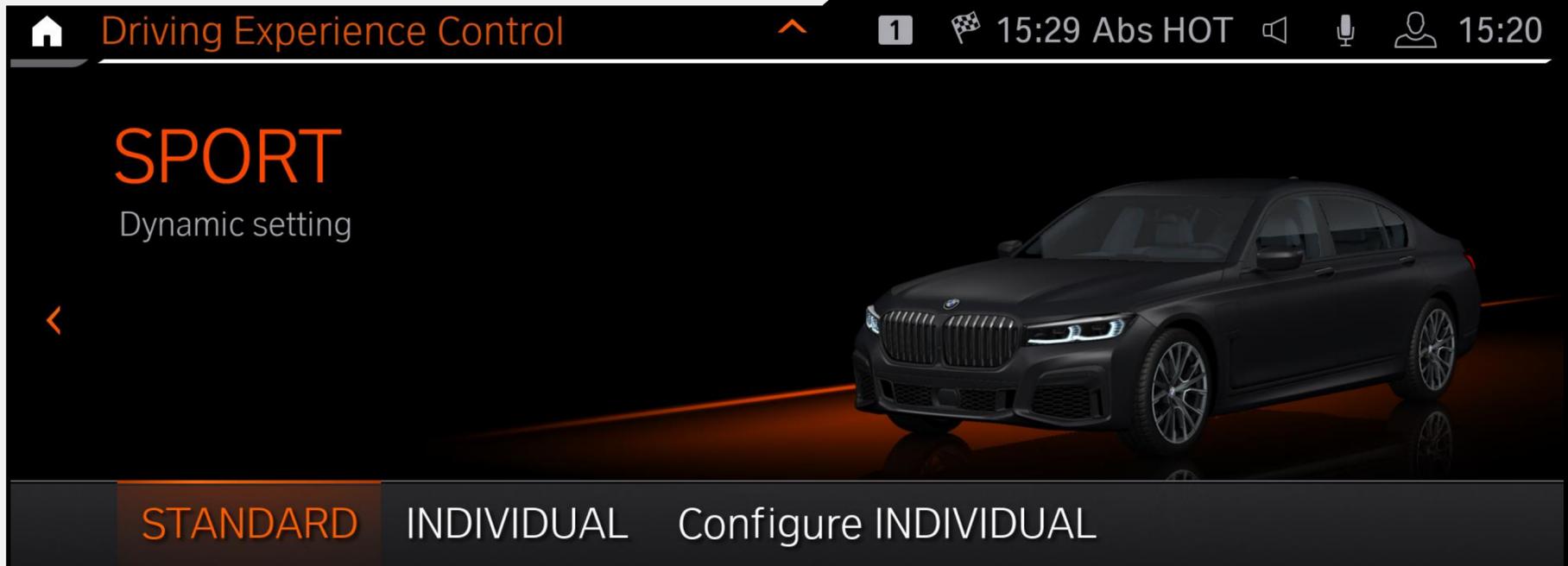
BMW 745e  
BMW 330e  
BMW X5 xDrive45e

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**SPORT**



Central Information Display



Display Instrument Cluster



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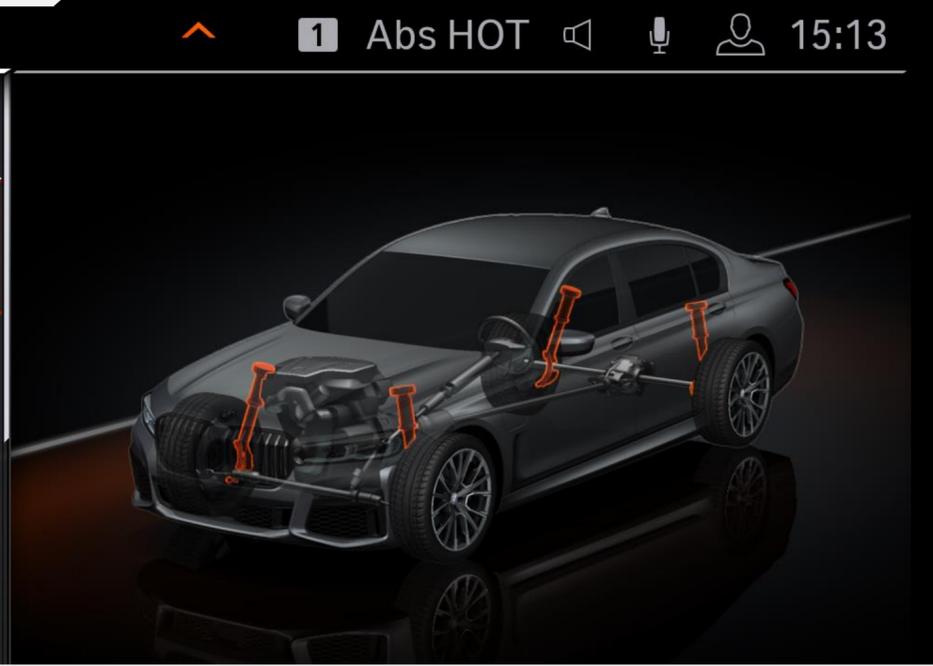
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**SPORT**



Central Information Display



Display Instrument Cluster



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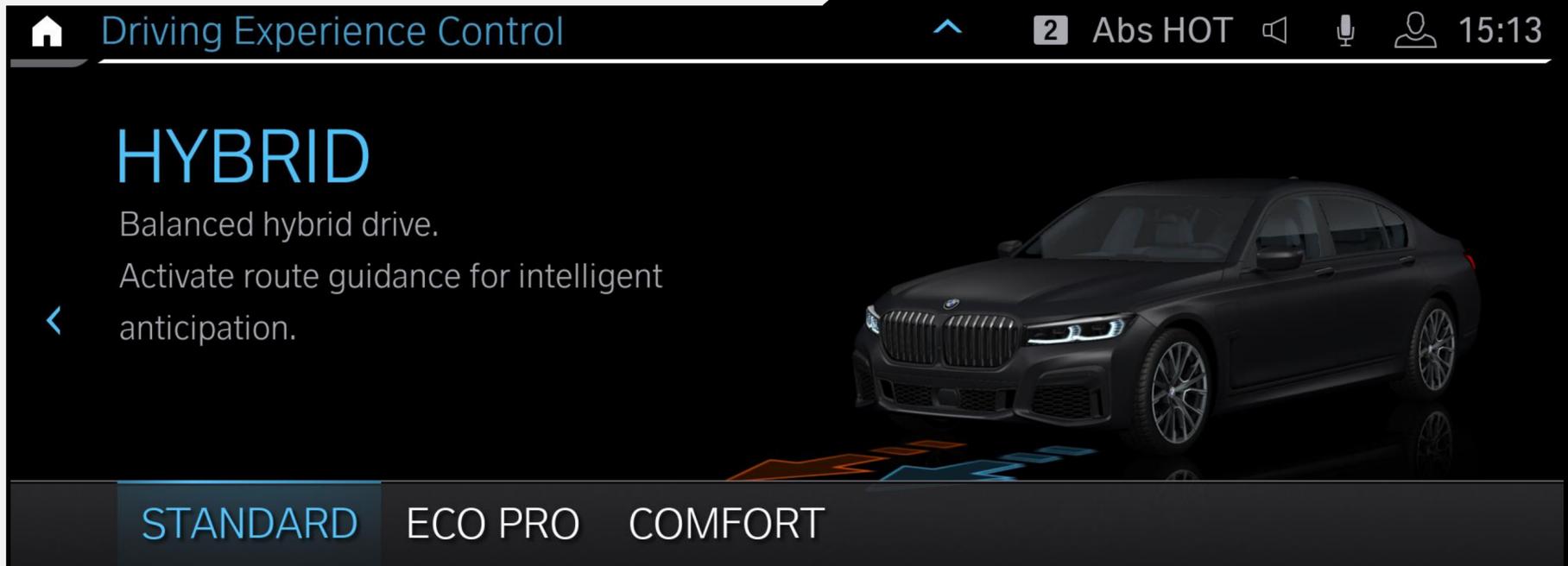
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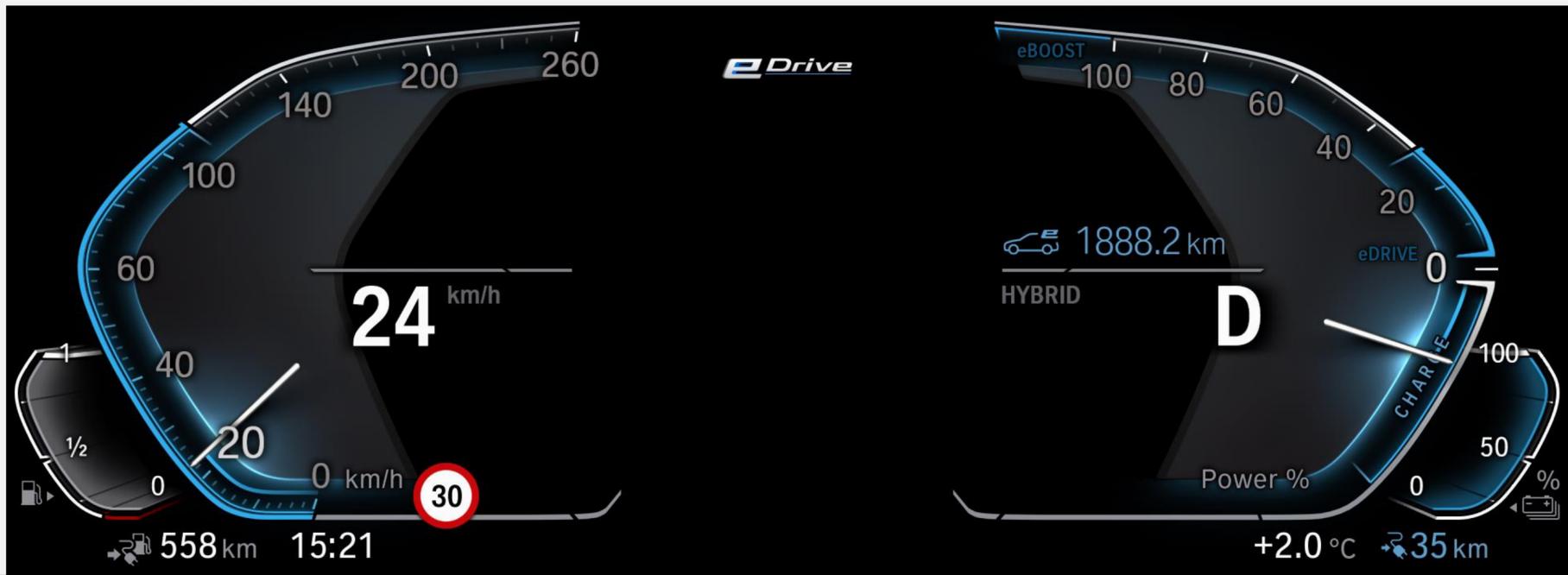
HYBRID



Central Information Display



Display Instrument Cluster

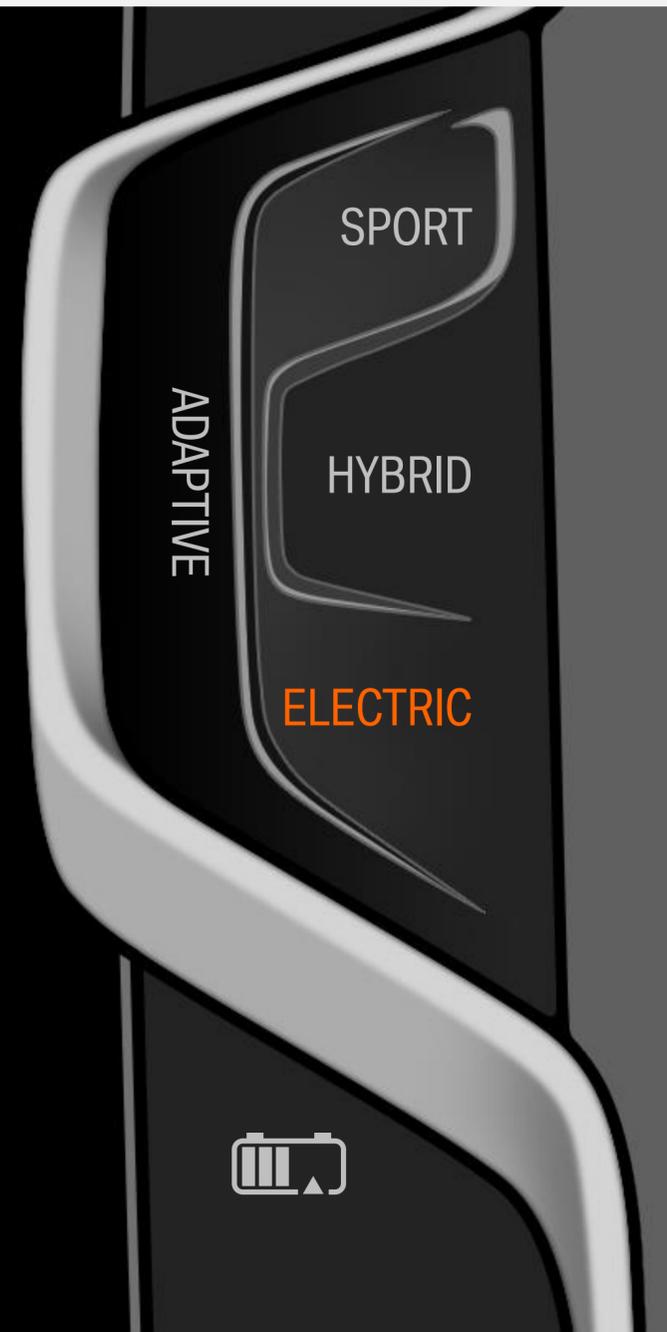


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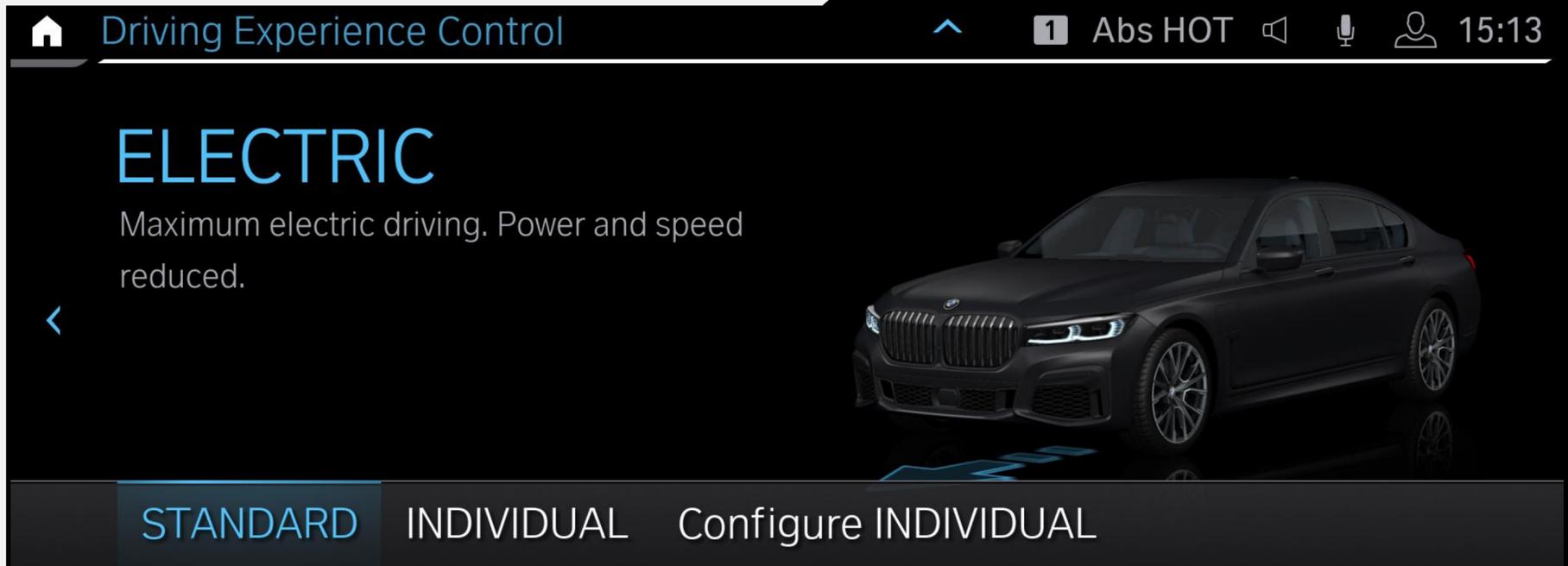
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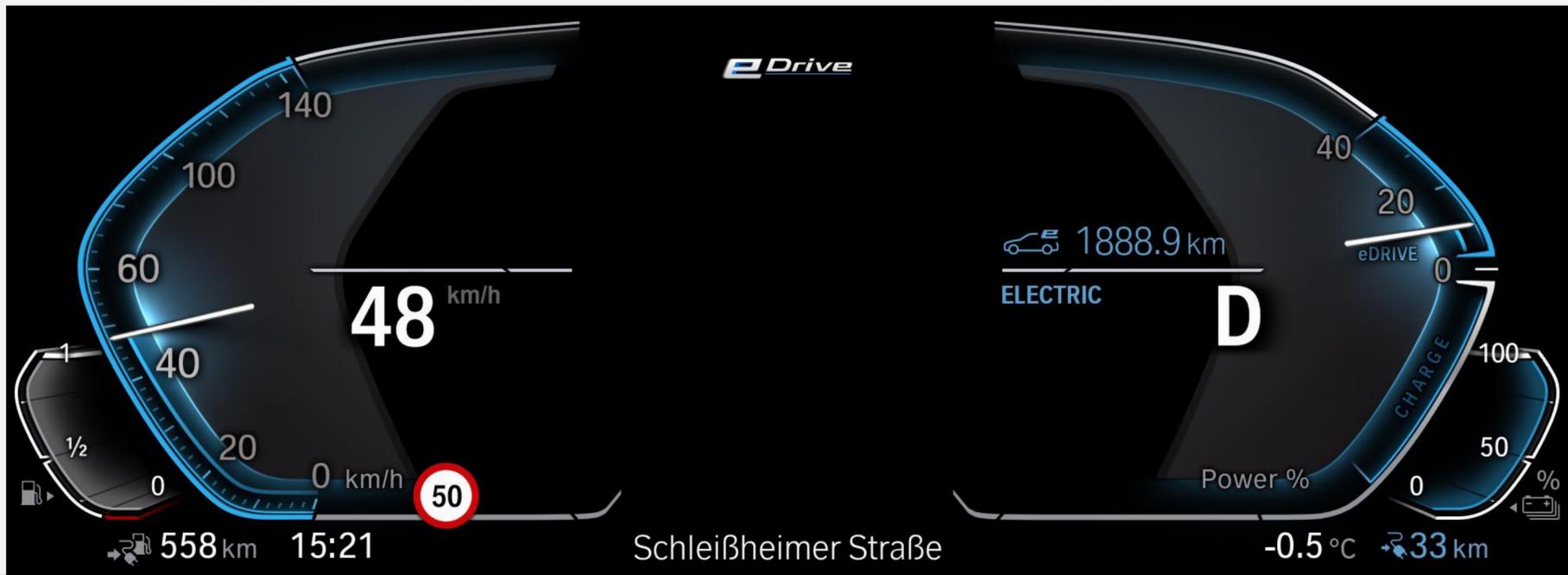
ELECTRIC



Central Information Display



Display Instrument Cluster

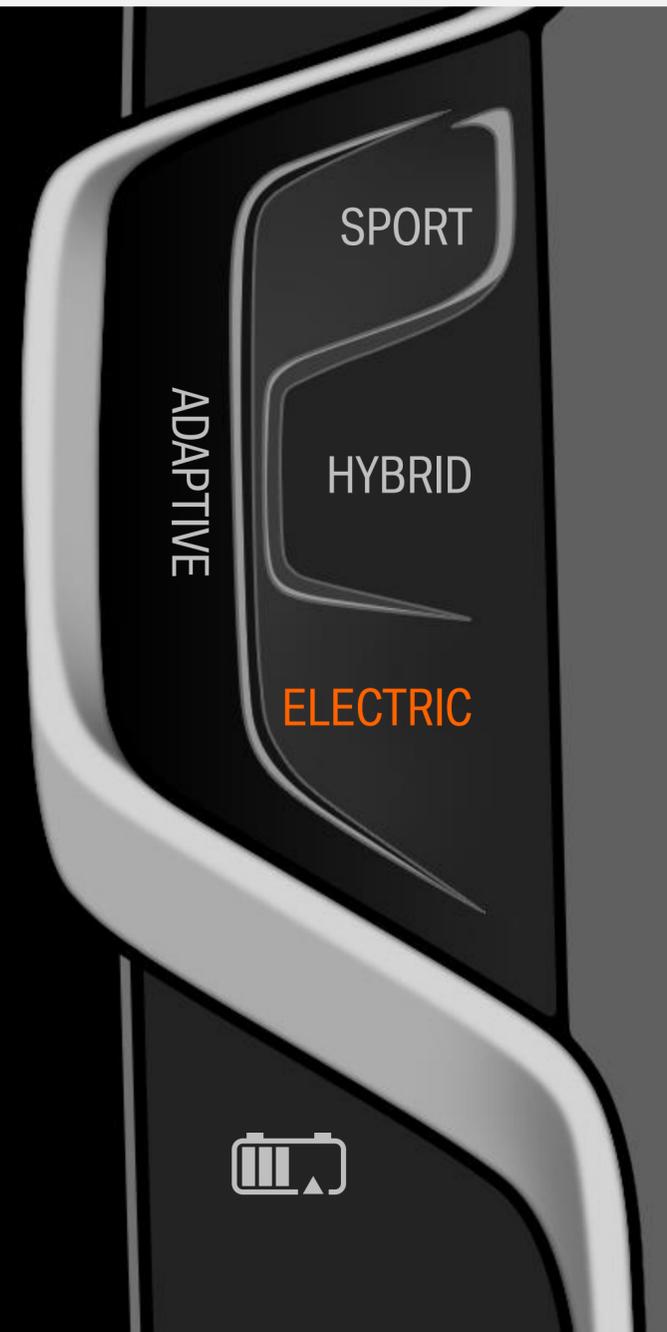


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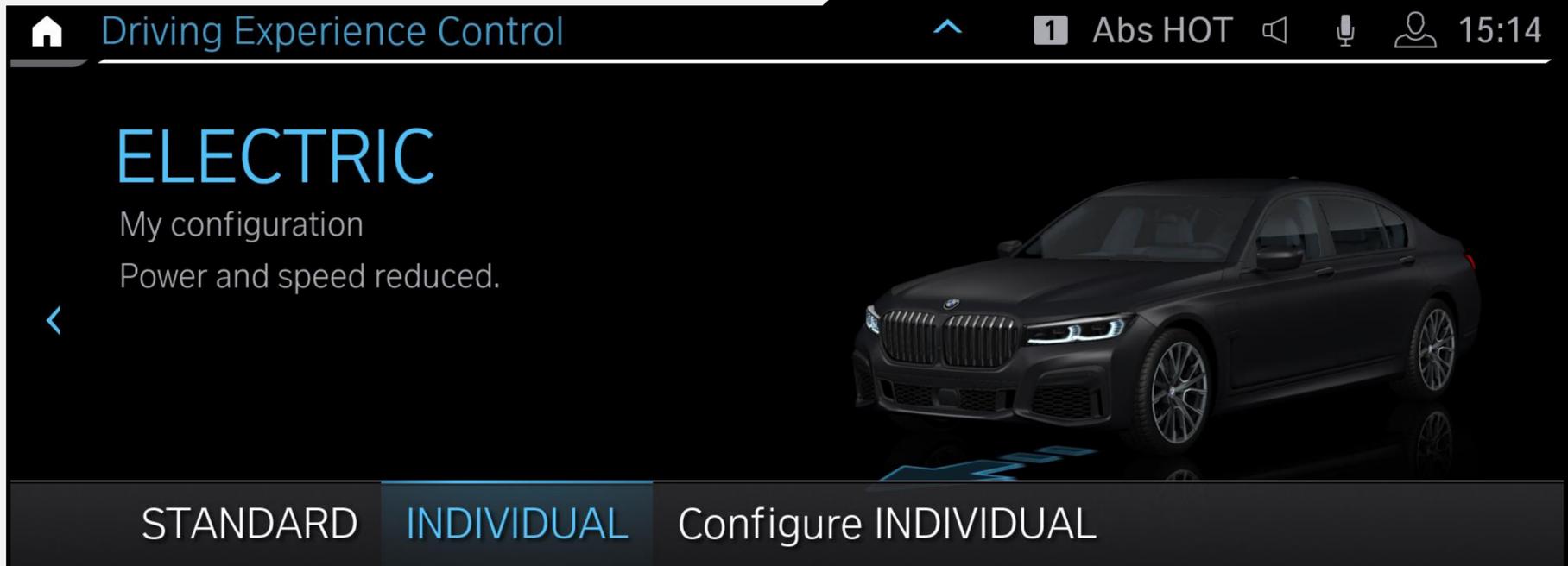
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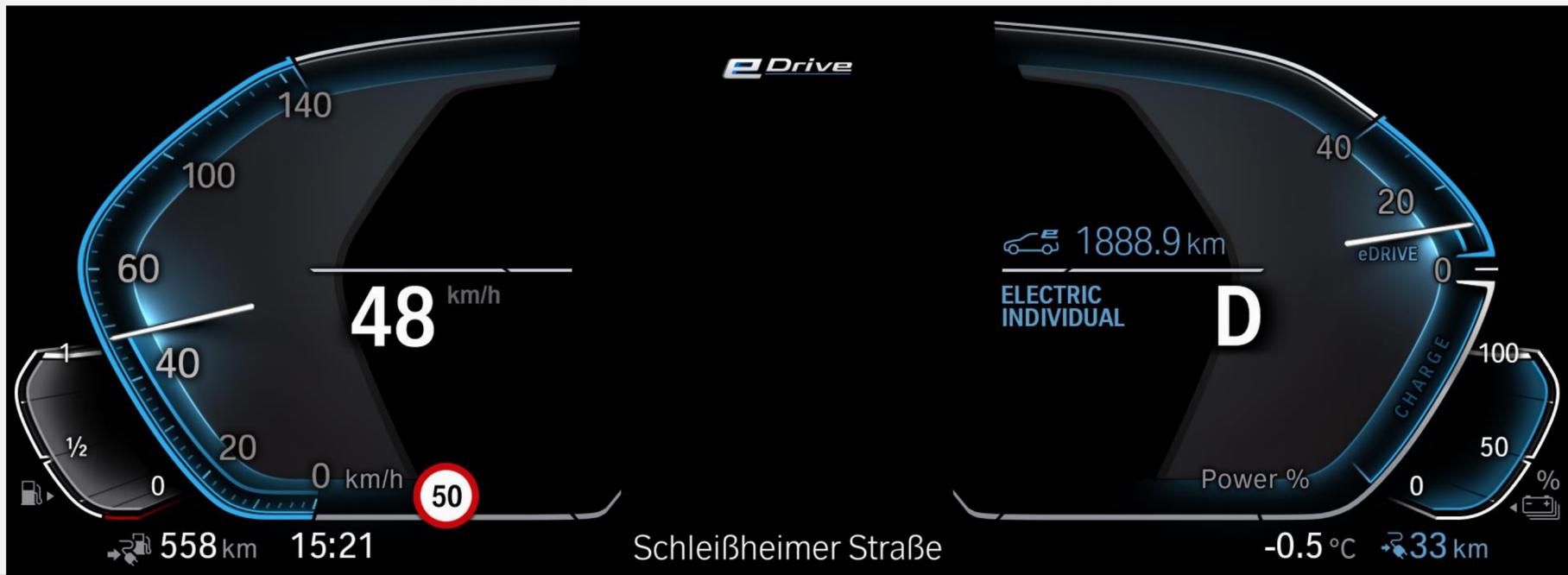
ELECTRIC



Central Information Display



Display Instrument Cluster

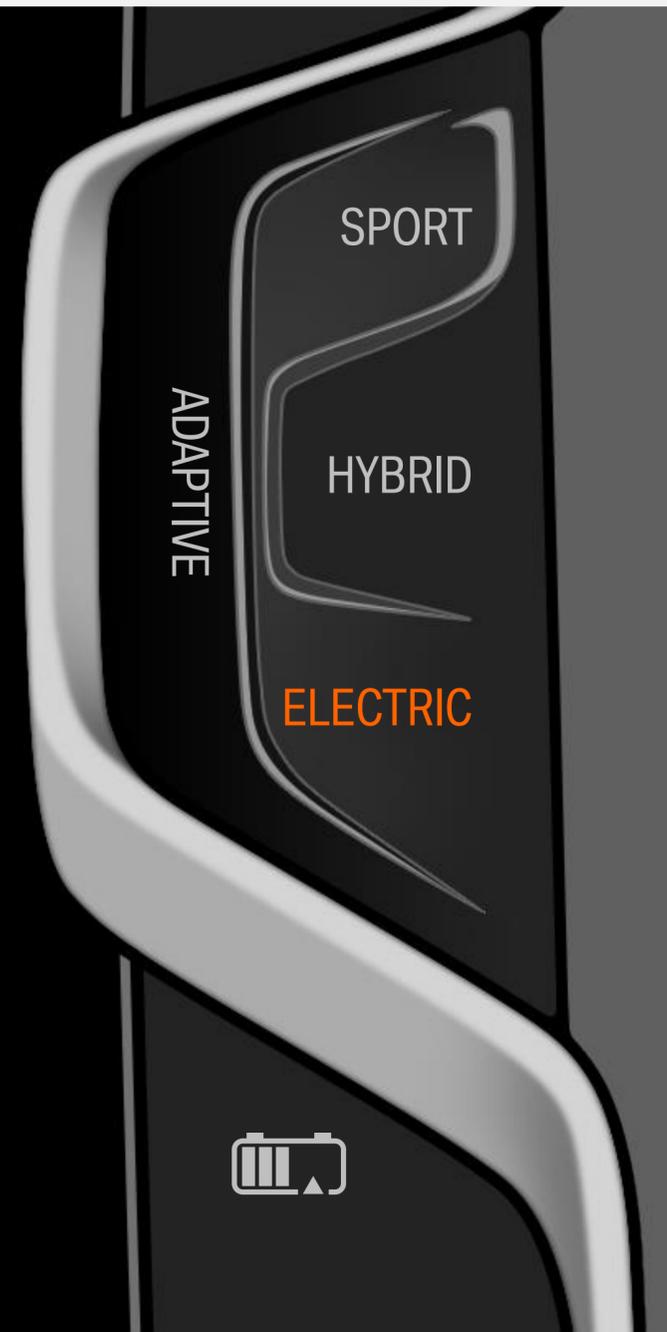


# NEW DRIVING EXPERIENCE CONTROL AND DISPLAYS. EXAMPLE BMW 745e.

BMW 745e  
BMW 330e  
BMW X5 xDrive45e

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ELECTRIC



Central Information Display

Configure ELECTRIC INDIVIDUAL

Driving dynamics

Damping COMFORT

Steering COMFORT

ELECTRIC INDIVIDUAL as standard

Reset

Veh. starts with ELECTRIC INDIVIDUAL if available and charge status is sufficient.

Display Instrument Cluster

48 km/h

1888.9 km

ELECTRIC INDIVIDUAL

D

558 km 15:21

Schleißheimer Straße

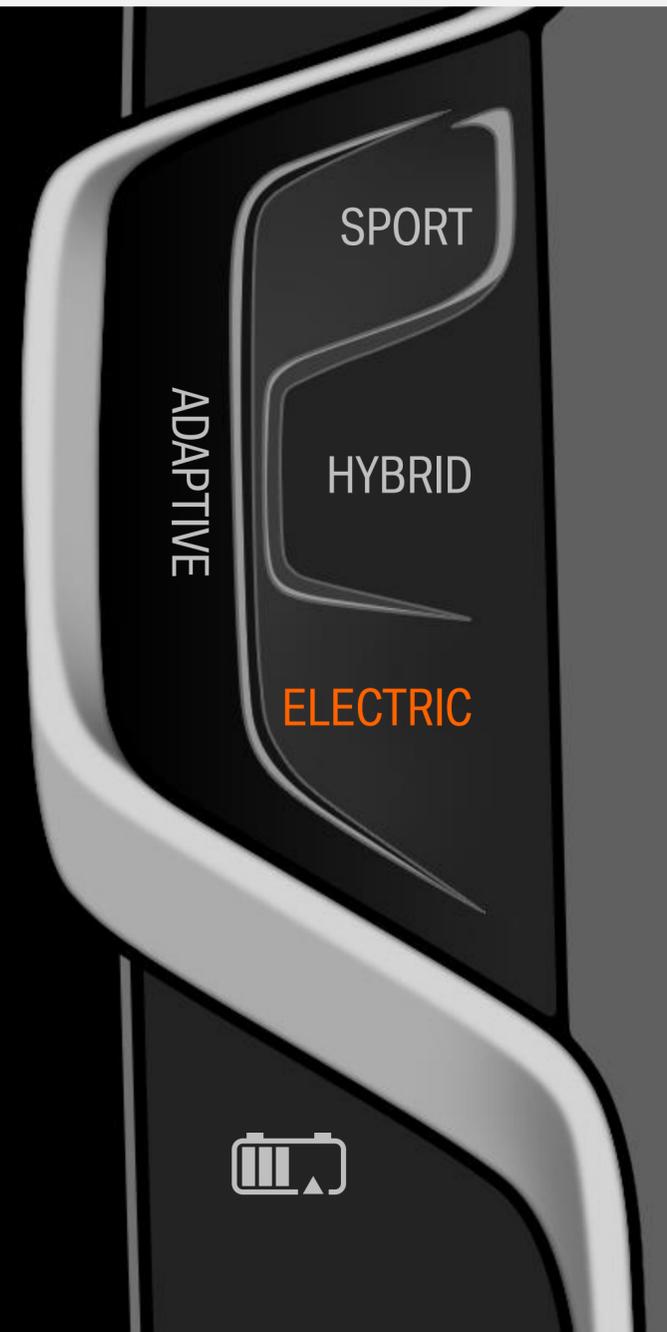
-0.5 °C 33 km

# NEW DRIVING EXPERIENCE CONTROL AND DISPLAYS. EXAMPLE BMW 745e.

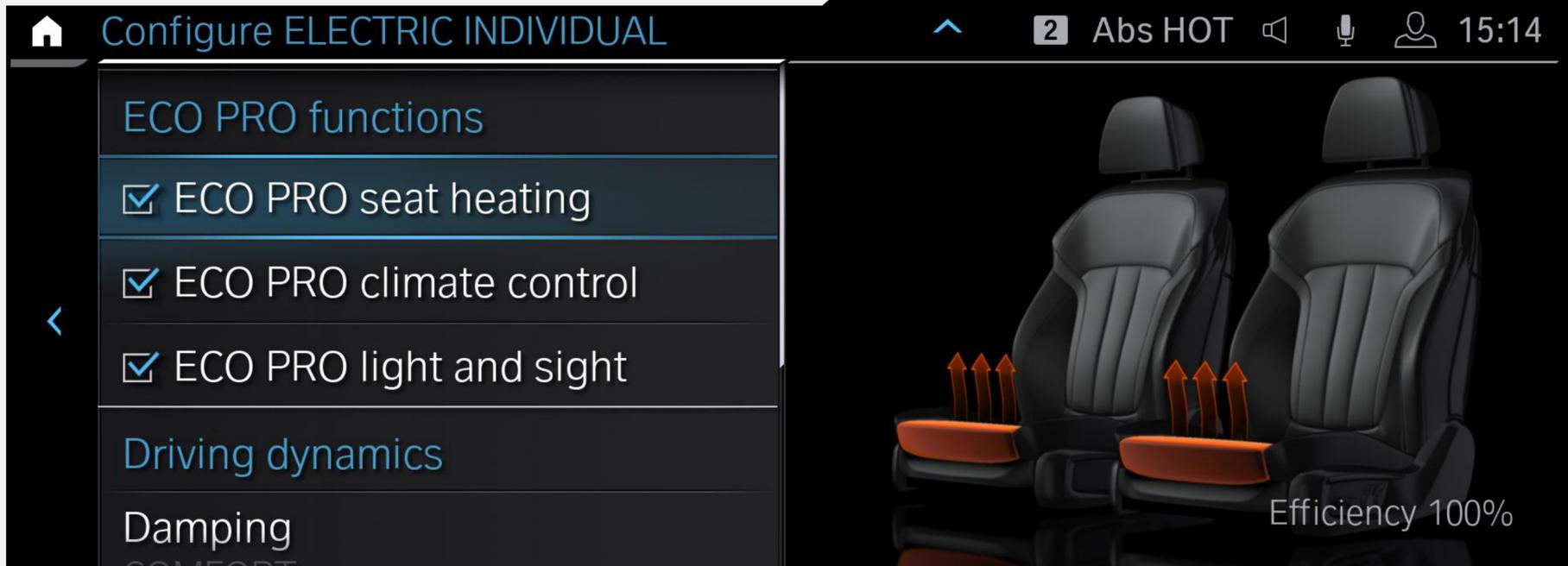
BMW 745e  
BMW 330e  
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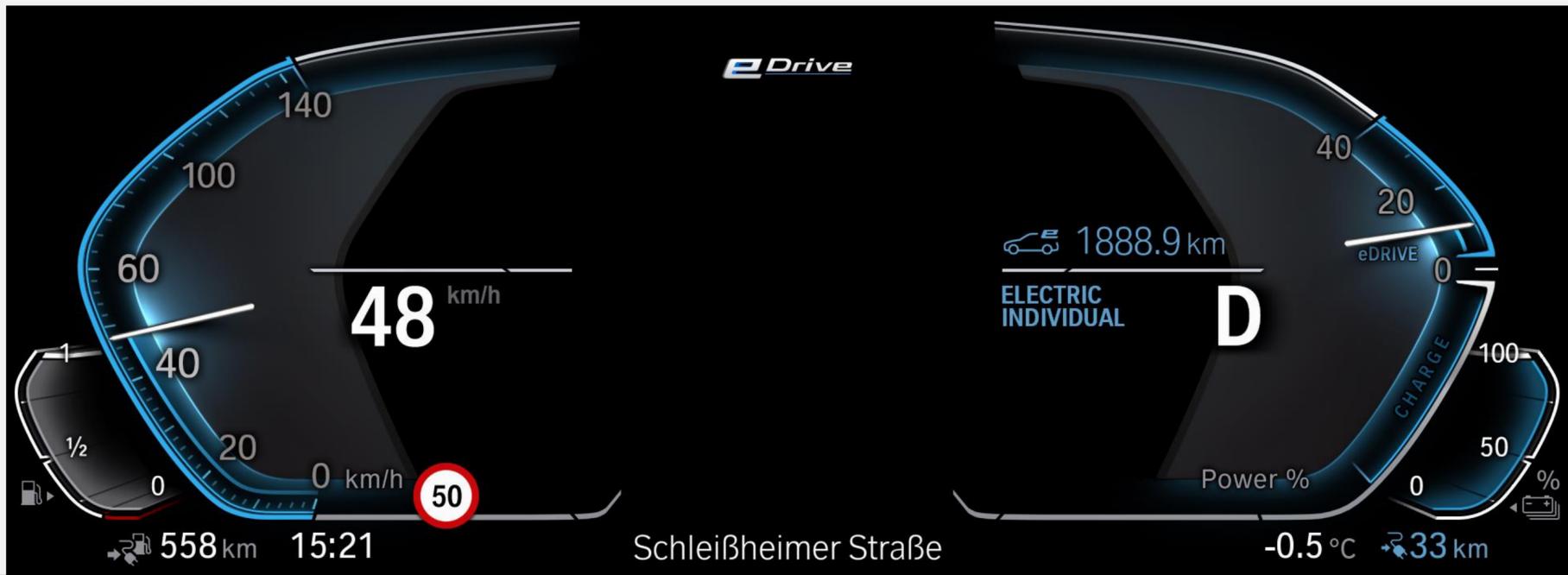
ELECTRIC



Central Information Display



Display Instrument Cluster



# NEW DRIVING EXPERIENCE CONTROL AND DISPLAYS. EXAMPLE BMW 745e.

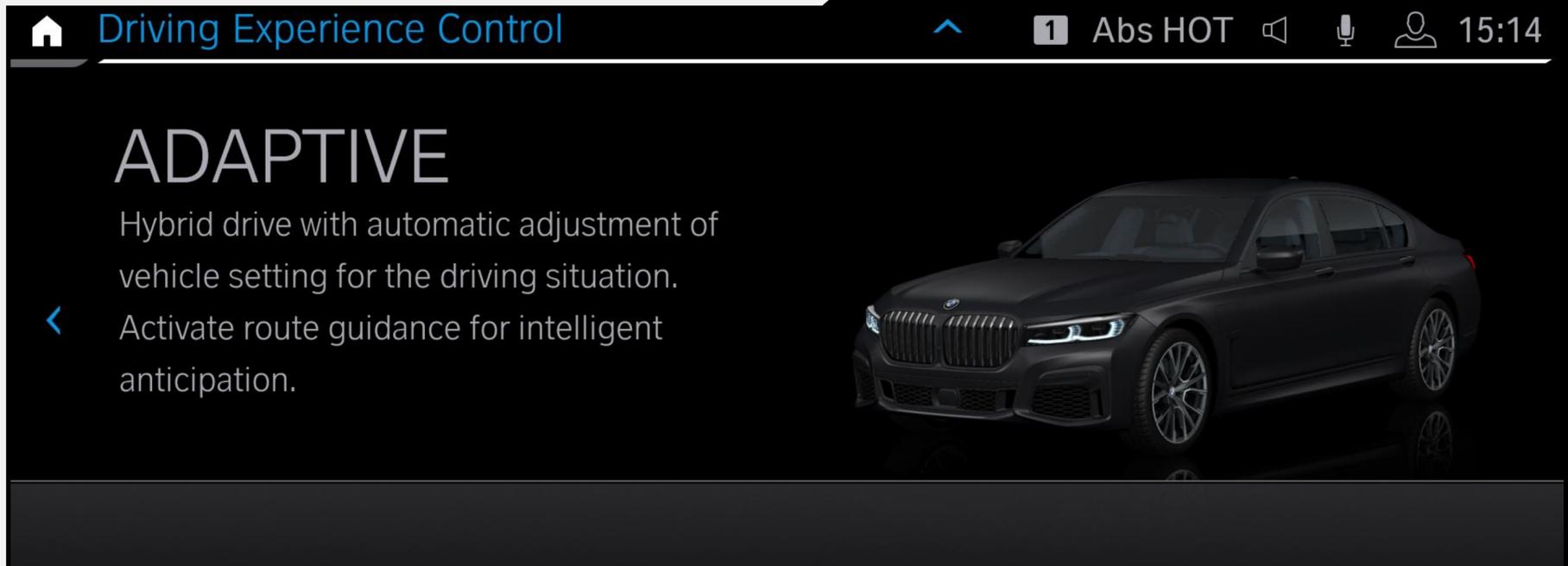
BMW 745e  
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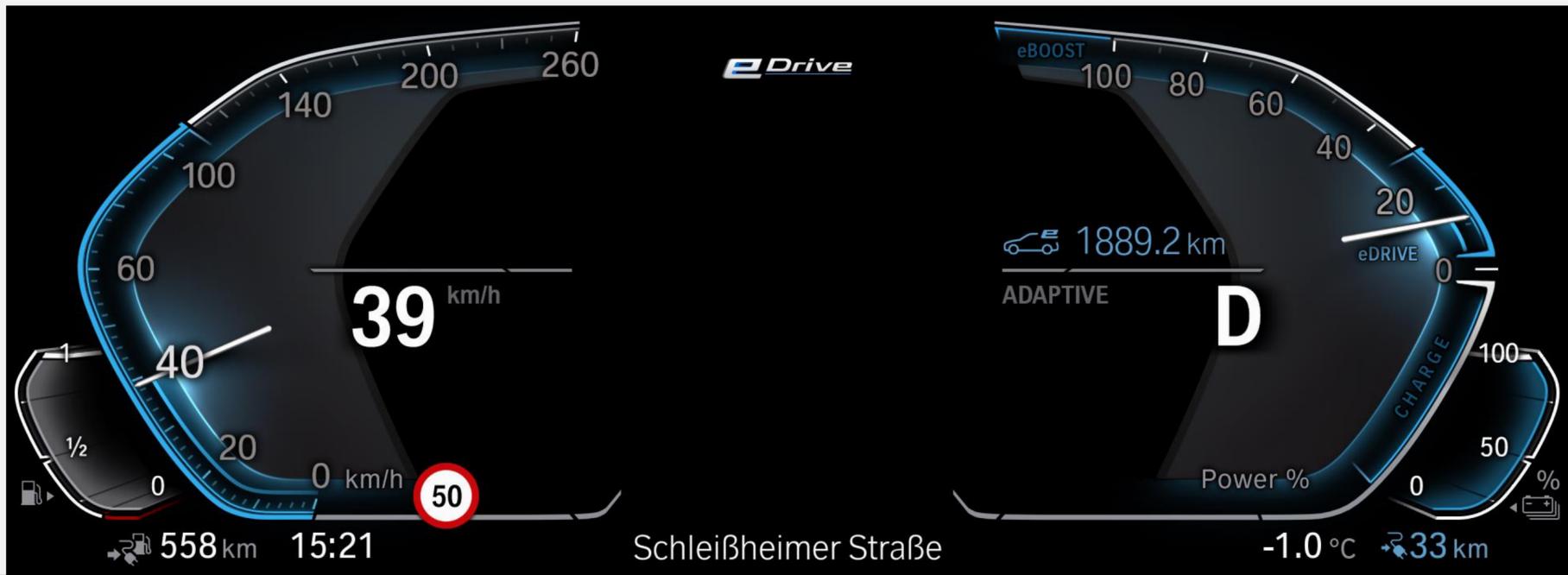
ADAPTIVE



Central Information Display



Display Instrument Cluster



# NEW CHARGING DISPLAY. EXAMPLE BMW 745e.

Available for all  
new BMW Plug-in  
hybrids launched in 2019.

» Range of electric driving.

» Charge state with charging cable.

» Time for end of charging and departure time for timer.



» Range of electric driving at fully charged high voltage battery.

» Charge continuation bar of high voltage battery.

» Charging current intensity specified in amps.\*

\* Green colored charging cable indicates fully charged high voltage battery.  
Blue pulsing charging cable indicates ongoing charging.



# EMOTIONAL BRANDING. XtraBoost FOR THE BMW 330e.

Available for the  
new BMW 330e.

➤ + 30 kW/41 hp  
additional power  
output.

➤ Linear accelerator pedal  
response curve above  
Sport mode.

➤ Specific designed transmission  
program for fast and sporty  
gear changes.

➤ Very dynamic  
response above  
Sport mode.

➤ Specific engine  
sound due to active  
sound design.

➤ Specific displays  
in the instrument  
cluster and central  
information display.



The image shows the 'Fahrerlebnisschalter' (Driver Experience Selector) interface. It features a home icon, signal strength, battery level, and time (13:45). The main display shows 'SPORT XTRABOOST' in orange text, followed by the description: 'Maximale elektrische und verbrennungsmotorische Antriebsleistung mit dynamischer Abstimmung des Fahrzeugs.' Below this, there is a small image of the BMW 330e. At the bottom, there are four buttons: 'STANDARD', 'XTRABOOST' (highlighted in red), 'INDIVIDUAL', and 'INDIVIDUAL konfigurieren'.

# eDRIVE EXPERIENCE. ANTICIPATORY HYBRID DRIVE.

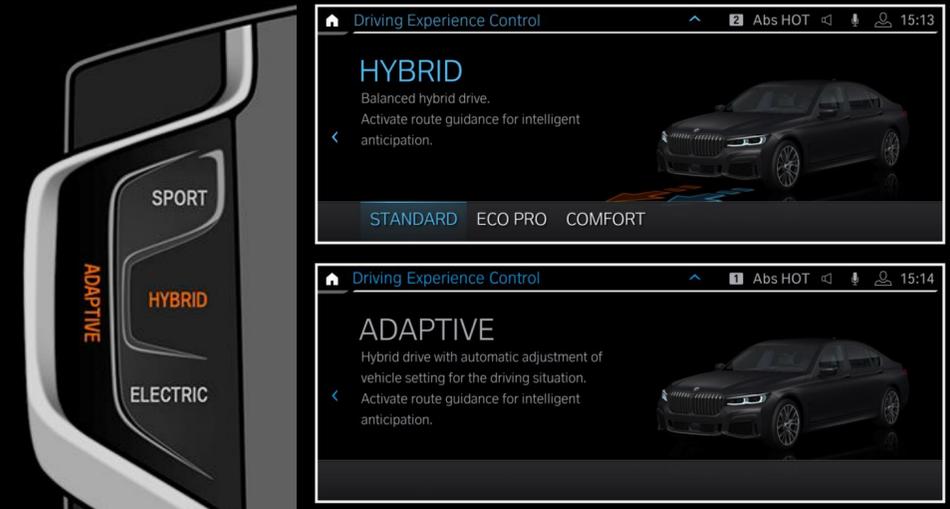
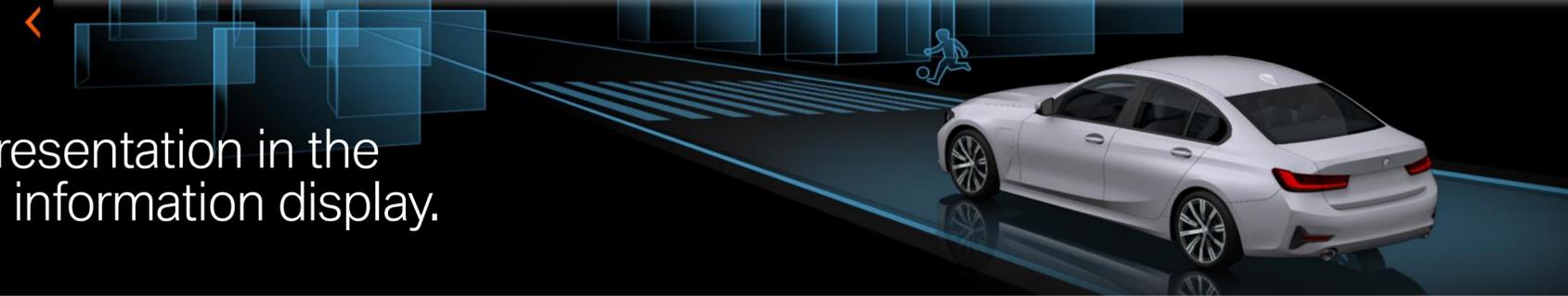
Available for all  
new BMW Plug-in  
hybrids launched in 2019.

Intelligent distribution of the electric energy. eDRIVE in urban areas.

New presentation in the central information display.

Preparation for electric driving in slow-speed route section.

Function available in HYBRID & ADAPTIVE.



Distinctive eDrive experience when the car is not charged.



Intelligent distribution of the electric energy.

Precise switch over to eDrive at city limit.

München



Electric arrival.

Full recuperation at downward slopes.



eDrive at traffic jam situations.



# INTELLIGENT DECELERATION WITH ADAPTIVE RECUPERATION.

BMW 330e  
BMW X5 xDrive45e

Customer



## Goal:

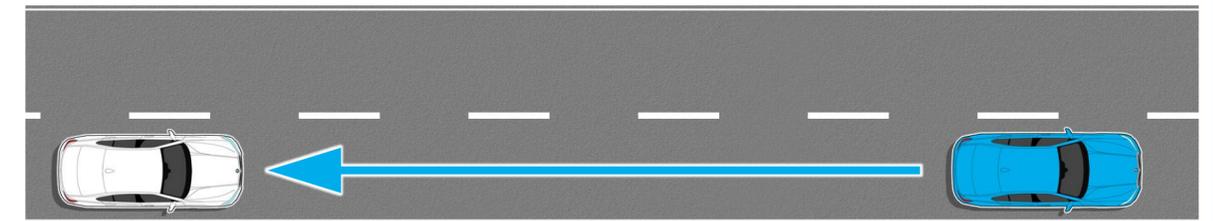
Assisting the driver in energy optimized deceleration (manual driving mode).

- » Energy optimized deceleration by reduced use of the brake pedal.
- » Increased comfort by ease of driving.

Adaptive recuperation 

Intelligent and predictive control of vehicle deceleration using:

- » Sensor data of the vehicle ahead.



- » Navigation data for foresight.



- » If the driver lifts from the throttle, the car reacts proactively.

# PEDESTRIAN PROTECTION. HYBRID SPECIFIC SOUND.

Available for all  
new BMW Plug-in  
hybrids model year 2019.

»» New hybrid specific sound as an option.  
Standard equipment when regulated by law.



# CONNECTED DRIVE. HYBRID SPECIFIC FEATURES.

Available for all  
new BMW Plug-in  
hybrids launched in 2019.\*

## »» Points of Interest.

Customers searching for a charging station get additional recommendations for nearby hotels, cafes, restaurants etc.



## »» Charging Station Availability Forecast.

With a ChargeNow registration customers can receive the information regarding the availability forecast of the charging stations directly in the Head Unit of the vehicle.



## »» Charging Station Reservation.

In the Head Unit customers can reserve the selected charging station in advance.



\* Available 7/19.

# CONNECTED DRIVE. BMW INTELLIGENT PERSONAL ASSISTANT.

Available for all  
new BMW Plug-in  
hybrids launched in 2019.\*

» Hybrid-specific support and informations.

Hey BMW,  
where can I  
charge my car?

Hey BMW, drive me to  
the nearest ChargeNow  
charging station.

Hey BMW, reserve  
a charging station.

Hey BMW, show me my  
recent charging stations.

Hey BMW, how far  
did I drive electrically?

Good evening

What can I help you with?



Please speak

\* Available 7/19.



# NEW BATTERY FOURTH GENERATION FOR THE BMW 530e, BMW 530e xDrive and BMW 225xe.

**BMW 530e xDrive**  
up to 45 km (WLTP)\*  
up to 50 km (NEDC)\*

No Predecessor



**BMW 530e**

up to 60 km (WLTP)\*  
up to 65 km (NEDC)\*

Predecessor  
38-45 km (WLTP)  
45-48 km (NEDC)



**BMW 225xe**

up to 43 km (WLTP)\*  
up to 57 km (NEDC)\*

Predecessor  
up to 45 km  
(NEDC)



\* Figures are preliminary.



# BMW PLUG-IN HYBRIDS MODEL YEAR 2019.



BMW 745e, BMW 745Le, 745Le xDrive



BMW X5 xDrive45e

# 2019

Jan

Feb

March

Apr

May

Jun

July

August

Sept

Oct

Nov

Dec



BMW 530e, BMW 530e xDrive



BMW 330e



BMW 225xe



BMW X3 xDrive30e



**New battery fourth generation**  
Additional mode XtraBoost Prospective energy management  
New user interface Anticipatory hybrid drive  
New driving experience switch Specific Connected Drive features  
Intelligent personal assistant

