

# GRANDEUR Hybrid



# GRANDEUR Hybrid: Broadening the scope of success.

Pioneering one's own path rather than following the path set out by society.  
This is why those who write their own rules for success choose the GRANDEUR Hybrid.



Hybrid Calligraphy Full Option (Nocturne Gray)



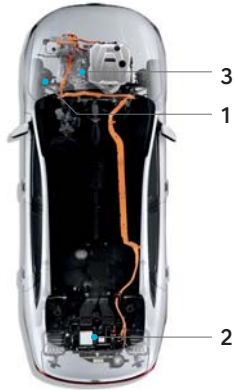
Hybrid Calligraphy Full Option (White Cream)



Hybrid Calligraphy Full Option (Beige)

# Hybrid technology

The GRANDEUR Hybrid, which is equipped with technology that increases fuel efficiency and offers silent and dynamic driving performance, is a leader of the eco-friendly smart driving era with its cutting-edge hybrid system that transcends generational boundaries. The revolutionary choice for a better future: GRANDEUR Hybrid



- 1. Regenerative braking system**  
When the vehicle slows down, the regenerative braking system converts the car's kinetic energy into electric energy and uses that to recharge the battery, improving the vehicle's overall energy efficiency.
- 2. Hybrid high-voltage lithium-ion battery**  
The vehicle's high-voltage battery has a capacity approximately 23 percent higher than existing products. The battery's recharge/discharge efficiency has also been improved by 2.6 percent, broadening the operational scope of the vehicle's EV mode, which operates solely by the gasoline engine.
- 3. High-efficiency, permanent-magnet electric motor**  
The high-efficiency motor assists the gasoline engine and is capable of taking the vehicle to speeds of up to 120 kilometers/hour in electric vehicle (EV) mode.

The AVN system, which shows a diverse array of Hybrid-specific content (energy flow diagrams, ECO Driving, fuel efficiency data, etc.), and 12.3-inch full LCD cluster guarantee a smart and enjoyable driving experience.



12.3-inch Full LCD cluster



12.3-inch infotainment system

# Design

The semi-glossy chrome radiator grille, equipped with an Active Air Flap, and head lamp have been designed to create a seamless, futuristic image. The Hybrid wheel, which offers outstanding aerodynamic performance and never-before-seen designs, is a trendsetter.



18-inch sputtering alloy wheel for Calligraphy only  
LED rear combination lamp (brake light, tail light and turn signal lamp)



Hybrid Calligraphy Full Option (Black one-tone)

# Convenience

Diverse cutting-edge specifications, including an air conditioning controller that is applied with an air purification system, create a pleasant indoor atmosphere while also caring for the driver's needs and enhancing driving safety.



**Air purification system (equipped with dual-zone full automatic air conditioning and touch-based air conditioning controller)**  
A fine dust sensor monitors the quality of the air inside the car in real time, offering constant updates on air quality on the screen. Once the fine dust concentration reaches a certain point, the air-purifying function is activated automatically to ensure a clean and fresh environment inside the vehicle.



**Back up guide light**  
When the car is backing up, "guide lights" are projected onto the road behind the car to clearly show the driver's intention to back the car up to prevent accidents involving nearby vehicles or pedestrians.

**Built-in Cam (includes external battery)**  
The high-resolution built-in cameras are video-recording devices that are attached to the car's front and rear. Also connected to the infotainment system, the built-in cameras allow for the easy playing and saving of high-resolution videos (including time-lapse recording and zoom-in functions).



**Blind-spot View Monitor**  
When using the turn signal, the camera installed at the base of the exterior mirror displays videos of the left/right posterolateral views on the cluster screen.

**Smart Posture Control II**  
This function not only recommends driving positions optimized for the driver's body type but also provides lumbar support for long drives. By suggesting information and movements designed to relieve spinal exhaustion, Smart Posture Control provides a truly smart driving environment with a focus on the driver's health.

# Hyundai SmartSense

The GRANDEUR Hybrid, which is equipped with highly detailed, cutting-edge smart technology, protects both driver and passenger from the many situations that can occur suddenly on the road.



**Forward Collision-avoidance Assist**  
After detecting a vehicle, pedestrian, or bicycle in front of the car (omnidirectional camera) or a car on the opposite side of an intersection and determining the risk of collision by analyzing the signals sent from the front camera and radar, the driver is notified of the potential risk with a warning. When necessary, the brake is activated to minimize damage.

**Navigation-based Smart Cruise Control**  
Guarantees driving convenience on highways and driveways by linking with the car's navigation system to automatically decrease speed in safety zones and curved lanes, after which the car is automatically returned to the pre-set speed.



**Safety Exit Assist**  
If a vehicle is perceived to be approaching from the side or rear of the car after the driver has parked/stopped, the child lock ensures that the rear doors remain locked. A warning is issued if all car doors are opened.

**Highway Driving Assist**  
Highway driving assist uses information, such as distance from the vehicle in front and road lane and navigational data, to control inter-vehicle distance and keep the vehicle inside the boundaries of the lane. It also minimizes driver fatigue during long-distance drives.



**Lane Following Assist**  
The GRANDEUR Hybrid uses an omnidirectional camera to detect the location of the road lane and ensure that the vehicle is driven in its center. When necessary, automatic steering wheel control is activated to prevent the car from drifting outside the lane.

**Parking Collision-Avoidance Assist-Rear**  
This function detects vehicles approaching from blind spots in the rear lateral end when the car is in reverse, after which a warning is conveyed to the driver. When necessary, brake control assists with rear collision avoidance.

\* Driving assistance specification (Forward Collision-avoidance Assist, etc.) assists the driver in specific high-risk driving conditions. See the manual for details on operating conditions

\* To ensure safety, be sure to hold the steering wheel at all times when using the Highway Driving Assist.

# Premium / Exclusive



17-inch aerodynamic alloy wheel  
(Hybrid exclusive only)



Premium (White Cream)

# Calligraphy



18-inch sputtering alloy wheel  
for calligraphy only



Calligraphy (Oxford Blue)

## Premium



Full LED headlamp  
LED rear combination lamp  
(brake light and tail light)



Semi-matte chrome radiator grille  
Shift By Wire



12.3-inch navigation system  
Dual-zone full automatic air conditioning  
(air cleaning mode)

## Exclusive



LED rear combination lamp (turn signal lamp)  
Passenger's seat walk-in switch /  
Passenger relaxation comfort seat



Double-glazed soundproof glass (rear doors)  
Power-operated trunk lid

\* For further information on specifications, please refer to the price chart for the respective month.

## Calligraphy



Muffler tip (exclusive to Calligraphy)  
Real aluminum garnish on the door panels



Nappa leather upholstery on the center part of  
the steering wheel (includes real stitching)  
Door trim wrapped with quilted artificial leather



Touch-style air conditioning controller  
(includes air purification system)  
Suede neck pillow for rear seats



Ambient mood lighting  
Premium rear seat armrest  
(ski-through and audio control)



Artificial leather upholstered on the crash pad  
(includes real stitching)  
JBL premium sound system  
(with 12 speakers and external amp)

\* For further information on specifications, please refer to the price chart for the respective month.

Interior colors



Navy one-tone Leather seat



Brown Nappa leather seat



Black one-tone Quilted Nappa leather seat



Kakhi one-tone Quilted Nappa leather seat



Beige Quilted Nappa leather seat

Color combination chart

| Trim        | Exterior<br>Interior                                    | White Cream<br>(WC9) | Shimmering<br>Silver (R2T) | Hampton Gray<br>(NT2) | Nocturne Gray<br>(T2G) | Oxford Blue<br>(XB2) | Midnight Black<br>(NB9) | Glowing Silver<br>(Y2S) | Black Forest<br>(MB9) |
|-------------|---------------------------------------------------------|----------------------|----------------------------|-----------------------|------------------------|----------------------|-------------------------|-------------------------|-----------------------|
| Premium     | Black one-tone /<br>Brown /<br>Navy one-tone            | ●                    | ●                          | ●                     | ●                      | ●                    | ●                       | -                       | ●                     |
| Exclusive   | Black one-tone /<br>Brown /<br>Navi one-tone /<br>Beige | ●                    | ●                          | ●                     | ●                      | ●                    | ●                       | -                       | ●                     |
| Calligraphy | Black one-tone /<br>Kakhi one-tone /<br>Beige           | ●                    | ●                          | ●                     | ●                      | ●                    | ●                       | ●                       | ●                     |

Dimensions



Wheel Tread, Front 1,607 (1,612)  
Overall Width 1,875



Overall Height 1,470  
Wheel Base 2,885  
Overall Length 4,990



Wheel Tread, Rear 1,615 (1,620)

Unit: mm, tread is 245/45R18, ( ) is based on 225/55R17 Tire

Specifications

| Classification              | Hybrid                  |
|-----------------------------|-------------------------|
| Overall Length (mm)         | 4,990                   |
| Overall Width (mm)          | 1,875                   |
| Overall Height (mm)         | 1,470                   |
| Wheel Base (mm)             | 2,885                   |
| Engine type                 | Theta II 2.4 MPI Hybrid |
| Displacement (cc)           | 2,359                   |
| Max. Power (PS/rpm)         | 159 / 5,500             |
| Max. Torque (kg-m/rpm)      | 21 / 4,500              |
| Max. Motor Power (kW)       | 38                      |
| Max. Motor Torque (Nm)      | 205                     |
| Max. System Output (PS/rpm) | 200 / 5,500             |
| Trunk volume (ℓ, VDA)       | 426                     |

| Model                                 | Fuel type         | Displacement<br>(cc) | Unladen<br>Vehicle Weight<br>(kg) | Tire<br>(inch) | Fuel efficiency reported to the government (km/ℓ) |      |         |                                     |       |
|---------------------------------------|-------------------|----------------------|-----------------------------------|----------------|---------------------------------------------------|------|---------|-------------------------------------|-------|
|                                       |                   |                      |                                   |                | Combined                                          | City | Highway | CO <sub>2</sub> emissions<br>(g/km) | Grade |
| Hybrid 2.4 (6-speed A/T)              | Electric+Gasoline | 2,359                | 1,675                             | 17             | 16.2                                              | 16.1 | 16.2    | 97                                  | 1     |
| Hybrid 2.4 (6-speed A/T)+Built-in cam | Electric+Gasoline | 2,359                | 1,675                             | 17             | 15.9                                              | 15.7 | 16.1    | 103                                 | 2     |
| Hybrid 2.4 (6-speed A/T)              | Electric+Gasoline | 2,359                | 1,725                             | 18             | 15.2                                              | 15.2 | 15.1    | 108                                 | 2     |
| Hybrid 2.4 (6-speed A/T)+Built-in cam | Electric+Gasoline | 2,359                | 1,725                             | 18             | 14.9                                              | 14.8 | 15.0    | 110                                 | 2     |

**Maintain a constant speed to drive more efficiently.**  
-The fuel economy described above is based on the standard model and may differ during actual driving depending on road conditions, driving technique, cargo load, vehicle maintenance, and outdoor temperature. -Some of the images presented here include optional specifications, so their appearance may differ from the car you purchase. -The specifications, colors, and sources presented here may be modified to improve vehicle exterior and performance. -The engine performance described above is the "Net Number," a new measure reflecting exhaust resistance that complies with legislation enforced by Korea's Ministry of Land and Transport since 1997. It can be marginally lower than "Gross Output Number," the previous measurement. -Leather seat include some artificial leather. -Vehicle colors presented here may differ from actual appearance. -Hyundai Motor Company sells cars only through its branches and designated dealers. Hyundai Motor Company is committed to fair trade practices, with the same price and quality of vehicles nationwide. -Use of non-genuine parts (such as engine oil and transmission oil) or poor quality fuel may severely damage the vehicle. -For more information about the new technologies and specifications described in this brochure, please refer to a user's manual.

Rear Seat Entertainment system

Built-in air purifier

18-inch RAYS wheel

The advanced technology of Hyundai's BlueLink system helps keep both the driver and the vehicle safe in any situation. BlueLink is always there to keep you safe, regardless of the location or time of day. Experience the unique joy of safe and comfortable driving.

Remote control

In the extremely hot summer or cold winter months, you can link your smartphone to the air conditioner or heater to set and control the temperature inside the vehicle. Enjoy a pleasant driving experience with BlueLink.

Safety security

The BlueLink Center works 24 hours a day, 365 days a year. If an airbag opens due to an accident, the Center automatically detects your location and takes appropriate actions according to the situation, such as contacting the police, ambulance, insurance company, etc.

Vehicle management

Services include real-time trouble detection while the vehicle is running and regular vehicle inspections on pre-arranged dates. In the event of vehicle trouble, immediate professional consulting is available, and you may conveniently make reservations for repair at the time and location of your choice.

Navigation

This function enables the driver to conveniently search for destinations through voice command and suggests optimum routes based on an independent analysis of real-time traffic information. The driver can search a database of up-to-date information to find even newly created destinations.

\*Free of charge for five years for customers who have purchased a vehicle and are applying for BlueLink membership for the first time: Remote control, Safety security, Vehicle management, Navigation.  
\* Inquiries: Blue Link Kakao Talk Customer Service Center (enter "Blue Link" in Kakao Talk search screen and add as friend)

## Hyundai Motor Company's SNSs



### Naver Post

[post.naver.com/abouthyundai](https://post.naver.com/abouthyundai)



### Facebook

[facebook.com/AboutHyundai](https://facebook.com/AboutHyundai)



### Instagram

[instagram.com/about\\_hyundai](https://instagram.com/about_hyundai)



### YouTube

[youtube.com/user/AboutHyundai](https://youtube.com/user/AboutHyundai)



### KakaoStory

[story.kakao.com/ch/hyundai](https://story.kakao.com/ch/hyundai)



### Twitter

[twitter.com/About\\_Hyundai](https://twitter.com/About_Hyundai)

Hyundai Motor Company website : [hyundai.com](https://hyundai.com) Customer Center : 080-600-6000

## Inquiries for Purchase



We promise to provide uniform prices and consistent services of the highest quality at all our branches and dealerships.



Hyundai Motor Company ranked first for the fifth consecutive year in 2019 across all segments (compact, semi-mid-size, mid-size, full-size, and RVs)

\* The images used in this brochure are intended to enhance customers' understanding and are focused on high-end models and optional features.

\* The features introduced in this brochure may vary from model to model. Please refer to the monthly price table for more detailed features of each model.