

SOMETIMES CONTRADICTIONS MAKE THE MOST SENSE.

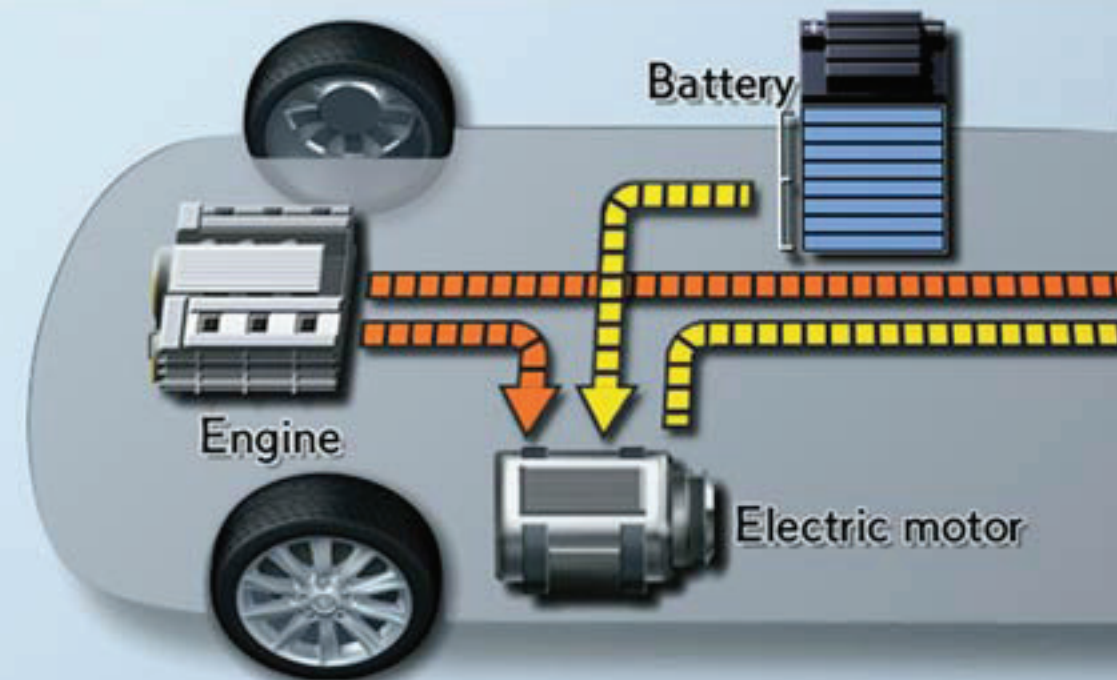


GS 450h

 **LEXUS**
The pursuit of perfection



Energy monitor



Consumption

Past record

INCREASED POWER. REDUCED CONSUMPTION.

The Lexus PERFORMANCEHYBRID system integrates a 3.5-litre V6 engine with a high-torque electric motor and a smaller, more powerful hybrid battery. Together they deliver a combined 250kW along with the fuel efficiency of a non-hybrid compact sedan and significantly lower smog-forming emissions.

- 3.5 litre V6 petrol engine enhanced by a 147kW high performance electric motor, delivers the power of a V8 with 70% less emissions
- Electric motor: 275 Nm torque
- Petrol engine: 368 Nm torque at 4800 rpm
- 0-100km/h in under 5.9 seconds
- Certified Super Ultra Low Emissions Vehicle (SULEV)
- Electronically Controlled Regenerative braking: Kinetic energy produced during braking is captured and converted to electricity
- 7.6 litres/100km



STRENGTH IN THE MOMENT.

Active Safety Dynamics:

- ABS (Anti-lock Brake System) prevents skidding on slippery roads
- BAS (Brake Assist System)
- EBD (Electronic Brake force Distribution)
- EPS (Electronic Power Steering) with VGRS (Variable Gear Ratio Steering) allows for responsive handling on any terrain at any speed
- TRC (Traction Control)
- VDIM (Vehicle Dynamics Integrated Management System) integrates the powertrain and electronic control systems, creating an intelligent network that can anticipate difficult situations and apply early corrective measures
- VSC (Vehicle Stability Control)
- 10 strategically positioned airbags help protect you and your passengers
- Adaptive Front Lighting System (AFS) automatically swivels headlights into approaching corners to significantly enhance nighttime visibility
- Projector-beam High Intensity Discharge (HID) headlamps deliver the most appropriate light distribution patterns
- Interior and exterior Electro-chromatic mirrors darken to prevent glare

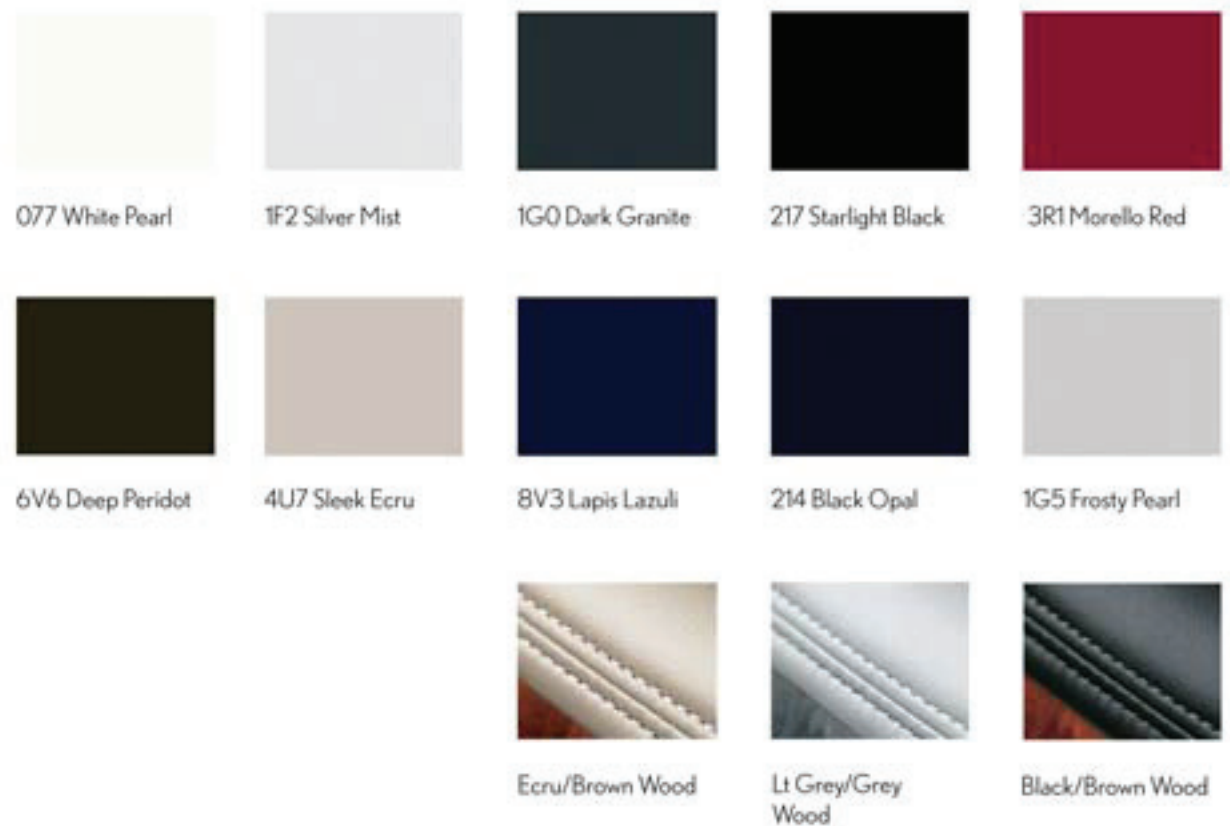


ADVANCED INFORMATION WITH NO INFORMATION OVERLOAD.

Utility and Comfort:

- Reverse Camera and Back Guide Monitor allow you to see behind the car without a backward glance
- Automatic Climate Control with independent left and right temperature control creates a comfortable environment for every occupant
- 7-inch touch screen Electro Multi-Vision Display (EMV) for easy next-generation HDD satellite navigation, climate, on-board computer and audio system control
- Audio:
 - 14-speaker Mark Levinson premium sound system offers exceptional fidelity and clarity, and creates a home theatre experience when listening to your favourite CDs
 - USB port enables the use of iPods® or other media players
 - HDD navigation system with 7-inch Electro Multi-Vision (EMV) display

EXTERIOR AND INTERIOR OPTIONS



GS450h SPECIFICATIONS

	GS450h		GS450h
Engine			
• Cylinders/valves	V6/24, Dual VVT-i	• Curtain shield airbags for front and rear passengers	•
• Capacity (cc)	3 456	• Side airbags for front and rear passengers	•
• Power (kW @ r/min)	218 @ 6 400	• Front active headrests	•
• Torque (Nm @ r/min)	368 @ 4 800	• HID/AFS/Auto-levelling headlamps	•
• Bore x Stroke (mm)	94 x 83	• Headlamp wash system	•
• Electronically-Controlled Continuously Variable Transmission	•	• Front and rear fog lamps	•
Motor		• Anti-theft system with intrusion sensor and siren	•
• Max. output (kW)	147	• ISO-FIX rear child seat anchors with top tethers	•
• Max. torque (Nm)	275	• Tyre Pressure Monitoring System	•
System Output		Warranty and Maintenance	
• Max. output (kW)	250	• Warranty - 4 years/100 000 km mechanical and 6 year corrosion	•
Performance		• Lexus Maintenance Plan - 4 years/100 000 km	•
• Max. speed (km/h)	250	• Service intervals - 15 000 km	•
• 0-100 (km/h in seconds)	5.9	Features	
• Estimated fuel consumption (l/100km)	7.6	• 8-way electrically adjustable heated and cooled front seats with memory and lumbar support	•
• CO ₂ Emissions (g/km)	180	• Full semi-aniline leather interior	•
Brakes		• Dual auto-climate control with pollen filter	•
• Front	Ventilated disc	• Electronic adjustable steering column with memory	•
• Rear	Ventilated disc	• Leather steering wheel with multi-function switches	•
Suspension type		• 7" Electronic Multi-Vision (EMV) touch screen display with HDD Navigation	•
• Front	Double wishbone	• Bluetooth® with voice command	•
• Rear	Multi-link	• Mark Levinson Digital Surround Sound System with 14 speakers, 6 DVD changer with AUX jack and USB port	•
• Adaptive Variable Suspension System (AVS)	•	• Tilt and slide moon roof	•
Weight		• Park Distance Control (PDC)	•
• Gross vehicle weight (kg)	2 355	• Reverse camera with back guide monitor	•
• Kerb weight (kg)	1865-1930	• Illuminated entry system with scuff plates	•
Dimensions and Capacities		• Smart keyless entry and ignition system	•
• Length (mm)	4 850	• Cruise Control	•
• Width (mm)	1 820	• Rain sensing windscreen wipers	•
• Height (mm)	1 430	• Electric rear window sunshade	•
• Wheelbase (mm)	2 850	• Easy close doors and boot	•
• Fuel tank (l)	65	• Interior electro-chromatic rear view mirror	•
Safety and Security		• Auto-retractable electro-chromatic exterior mirrors with heating and memory function	•
• Anti-lock Brake System (ABS)	•	• Rear lip spoiler	•
• Brake Assist System (BAS)	•	• 18" alloy wheels (245/40 R18)	•
• Electronic Brakeforce Distribution (EBD)	•		
• Vehicle Stability Control (VSC)	•		
• Traction Control (TRC)	•		
• Vehicle Dynamics Integrated Management System (VDIM)	•		
• Dual-stage driver and passenger airbags	•		
• Driver and passenger knee protection airbags	•		



THE LEXUS GS 450h. Performance with conscience.
To book your drive experience visit www.lexus.co.za

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