



CHEVROLET CORVETTE E-RAY

THE FUTURE OF
PERFORMANCE



THE CORVETTE MYTH, ELECTRIFIED



A REVOLUTION IN THE WORLD OF SPORTS CARS

The Corvette E-Ray redefines what it means to be a modern American high-performance sports car.

Its combination of the legendary V8 engine with an electrified all-wheel drive takes performance to a new level and ensures impressive acceleration, driving dynamics and all-year-round suitability. With innovative technologies, the new E-Ray continues the Corvette legend without compromising on design, sound or driving pleasure.

TWO STRONG HEARTS, UNITED BY ONE SOUL



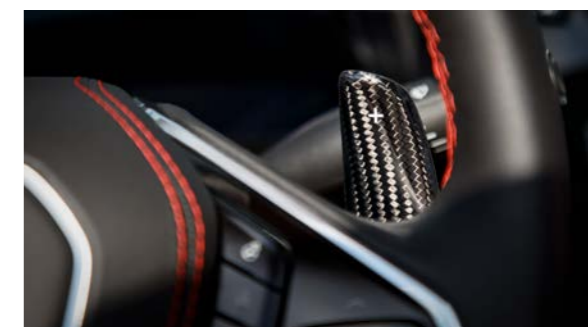
ELECTRICAL SUPPORT, NO COMPROMISES

Over six decades of experience in developing sports cars are also paying off in the electric age. In addition to the 6.2-litre LT2 naturally aspirated V8 engine on its rear axle, its electric all-wheel drive (eAWD) ensures that torque is sent to the front axle instantly. The result is a total output of 644 HP, outstanding handling in all weather conditions and improved acceleration. 2.9 seconds is all the E-Ray needs to accelerate from 0 to 100 km/h, making it the fastest Corvette of all time.

The intuitive hybrid technology is complemented by advanced driver assistance systems and regenerative braking to increase efficiency.



Performance Data Recorder for analysing racetrack laps



Design details in carbon look

TIMELESS BEAUTY, OPTIMISED FOR THE FUTURE

A STATEMENT IN FAVOUR OF TRADITION AND INNOVATION

The E-Ray combines the striking mid-engine design of the eighth-generation Corvette with functional details that emphasise its performance and efficiency. Additional cooling openings and strategically placed, lightweight materials improve aerodynamics and optimise weight. Its design reflects the perfect balance between traditional Corvette DNA and innovative technologies.



Functional and elegant: The E-Ray has a number of design features aimed at aerodynamics and performance enhancement.



70 YEARS OF CORVETTE



1968-1971



1965



1963



1961-1962



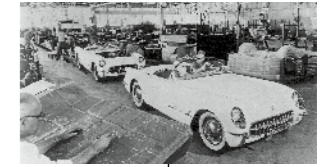
1958-1960



1956-1957



1954-1955



1953



1973-1976



1978-1982



1984-1985



1986



1990



1991-1992



1996



1997



2014



2013



2010



2009



2006



2005



2001



1999



2015



2017



2019



2020



2023



2024





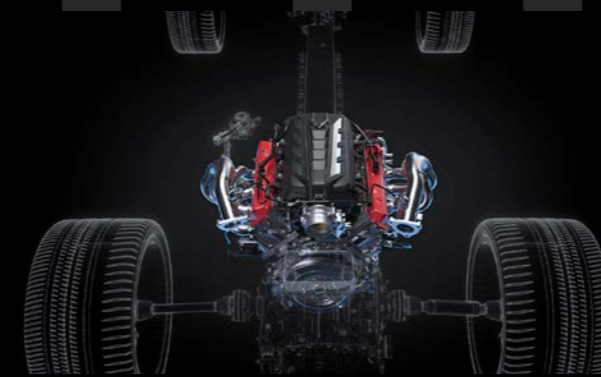
3LZ COUPÉ

- Carbon-ceramic brakes as standard
- Magnetic Selective Ride Control™
- Removable roof panel
- Rear-view mirror camera
- Bose® Performance Series sound system with 14 speakers
- Heated/ventilated seats with electrically adjustable lumbar support and electric side bolster adjustment
- Heated steering wheel
- Performance Data Recorder
- Rear cross-traffic alert and blind spot warning system
- Inductive mobile phone charger
- Electrically foldable exterior mirrors
- HD front and reversing cameras, front camera with kerb display
- Universal Home Remote
- Memory comfort package
- Head-up display
- GT2 seats with nappa leather and carbon fibre trim
- Customised leather-covered interior
- Upper inner lining with suede-look microfibre
- Steering wheel cover and shift paddles made of carbon fibre

3LZ CONVERTIBLE

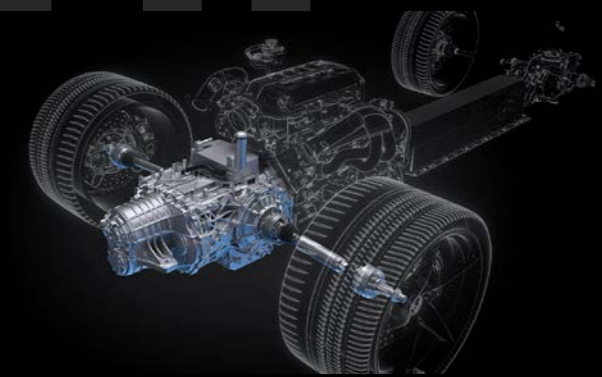
- Fully retractable hardtop
- Carbon-ceramic brakes as standard
- Magnetic Selective Ride Control™
- Rear-view camera display integrated in the rear-view mirror
- Bose® Performance Series sound system with 14 speakers
- Heated/ventilated seats with electrically adjustable lumbar support and electric side bolster adjustment
- Heated steering wheel
- Networked navigation and performance data recorder
- Memory comfort package
- Rear cross-traffic alert and blind spot warning system
- Inductive mobile phone charger
- Electrically foldable exterior mirrors
- HD front and reversing cameras, front camera with kerb display
- Universal Home Remote
- Head-up display
- GT2 seats with nappa leather and carbon fibre trim
- Customised leather-covered interior
- Upper inner lining with suede-look microfibre
- Steering wheel cover and paddle shifters made of carbon fibre

PRECISION AND PERFORMANCE



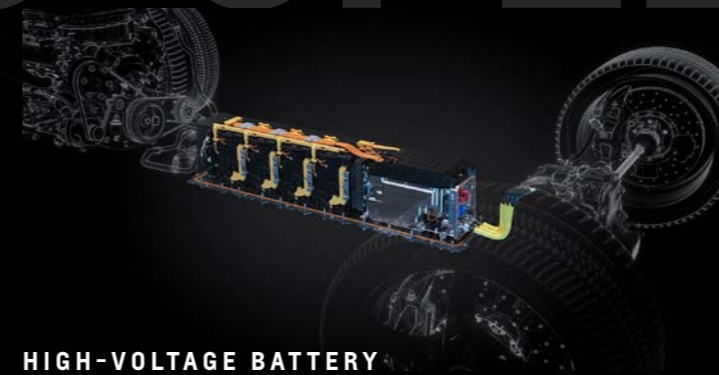
LT2 V8 ENGINE

With 482HP and 637 Nm of torque, the 6.2-litre V8 is a real powerhouse that makes every drive a thrill and contributes to a total output of 644HP. Eight equally long intake ducts measuring 210 mm maximise torque and airflow. The dry-sump lubrication system with three pumps ensures the oil supply even when there are high g-forces in bends and during acceleration.



DUAL-CLUTCH TRANSMISSION

The standard 8-speed dual-clutch transmission combines the convenience of an automatic with the precision of a manual gearbox. It provides high efficiency, lightning-fast gear changes and thus contributes to shorter lap times. The variable Drive Style Index analyses the driver's behaviour and reacts with precise gear changes and downshifts at the right moment.



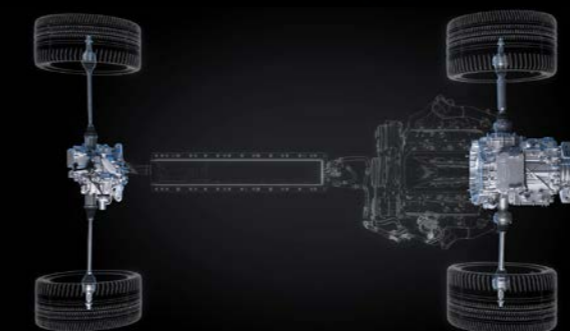
HIGH-VOLTAGE BATTERY

The 1.9kWh lithium-ion battery supplies the electric drive unit of the front wheels with power. The battery is charged independently during the journey, partly through regenerative braking. The E-Ray battery system with integrated power electronics ensures maximum reaction speed, efficiency and performance and improves the vehicle's sprint from 0 to 100 km/h by 0.5 seconds. The battery is guaranteed for eight years or 160 000 kilometres.



ELECTRIC DRIVE UNIT

With an output of 161HP, the electric motor on the front axle complements the LT2 V8 engine and provides an impressive total output of 644HP. While the V8 engine delivers its torque of 637 Nm to the rear wheels, the electric motor sends an additional 165 Nm of torque to the front axle. This combination enables breathtaking acceleration – when starting the car, coming out of curves and overtaking. The system also makes it possible to drive exclusively on battery power in Stealth Mode at speeds of up to 72 km/h.



eAWD

The support from the eAWD (electric all-wheel drive) takes the mid-motor platform of the E-Ray to a new level. It significantly improves the all-year suitability of the sports car and adapts intelligently in real time to stabilise the front axle for maximum balance and agile handling.



PIONEERING DETAILS



Confident under all conditions: Corvette E-Ray with electric all-wheel drive (eAWD).



Sports exhaust system for the unmistakable Corvette V8 sound.



Strategically placed cooling openings and air ducts for optimum performance.



Lightweight wheels with standard all-season tyres.



The V8 engine remains the centrepiece.



The retractable hardtop on the Cabriolet can be opened at speeds of up to 50 km/h.



01. Optional Performance Data Recorder for analysing racetrack laps.

02. High-quality materials and embossed design details emphasise the exclusive character of the E-Ray.

03. Centre console with practical storage compartments.

04./05. Bose® Performance Series surround system with 14 speakers.

06. Freely configurable driver display.

07. Cockpit inspired by fighter jets and featuring driver-orientated controls.



SOM
Fully-polished wheel,
available on YG



SON
Fully-polished wheel,
available on YG



ROU
Wheel painted Pearl Nickel



ROX
Wheel painted Carbon Flash Metallic
w/machine groove.



ROZ
Nickel paint



ROY
Gloss Black



STZ
Red stripe

CARBON WHEELS

- First use of carbon-fibre wheels on the Corvette
- Stiffnesses correspond to those of aluminium designs
- Weight reduction per vehicle: 40.8 lbs (18.5 kg)
- Reduction of the unsprung rotating mass leads to:
 - Improved steering precision
 - Faster lap times - approx. 1.5 seconds on a 2-minute racetrack

FURTHER OPTIONS | BRAKE CALLIPER COLOURS



J6D | Grey



J6F | Red



J6L | Orange



J6E | Yellow



J6N | Edge Red



COMPETITION SPORT | EXTRA SUPPORT FOR RACETRACKS

GT2 | NAPPA LEATHER AND CARBON INSERTS



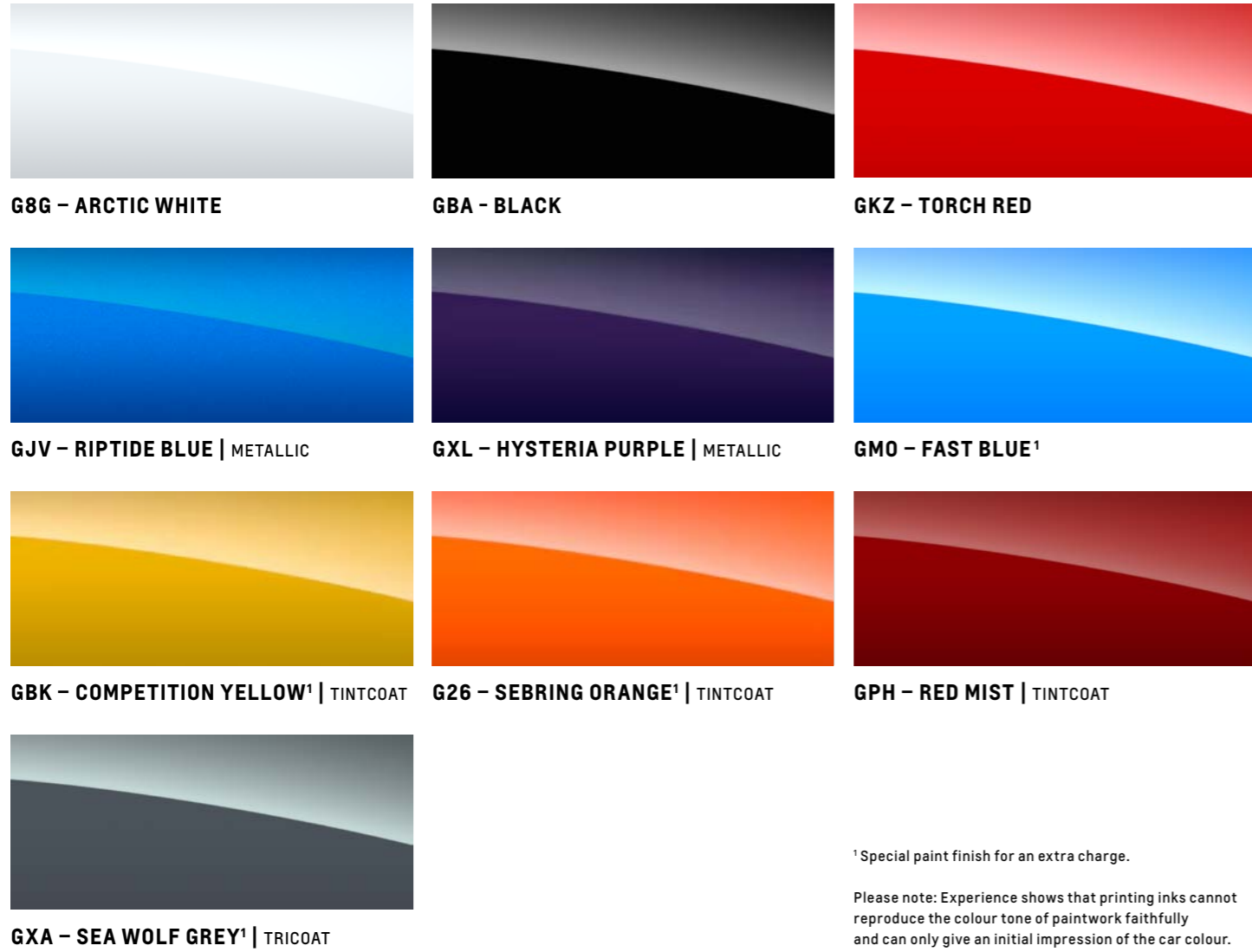
COMPETITION SPORT

The available Competition Sport seat offers hard-wearing and especially supportive upholstery for driving on the racetrack.



GT2

The GT2 seat is available on request for the 2LT furnishings line and is standard for the 3LT. It features carbon fibre panelling with a halo for the backrest and is upholstered in genuine nappa leather.



¹ Special paint finish for an extra charge.
Please note: Experience shows that printing inks cannot reproduce the colour tone of paintwork faithfully and can only give an initial impression of the car colour.

FURTHER OPTIONS | OPTICS

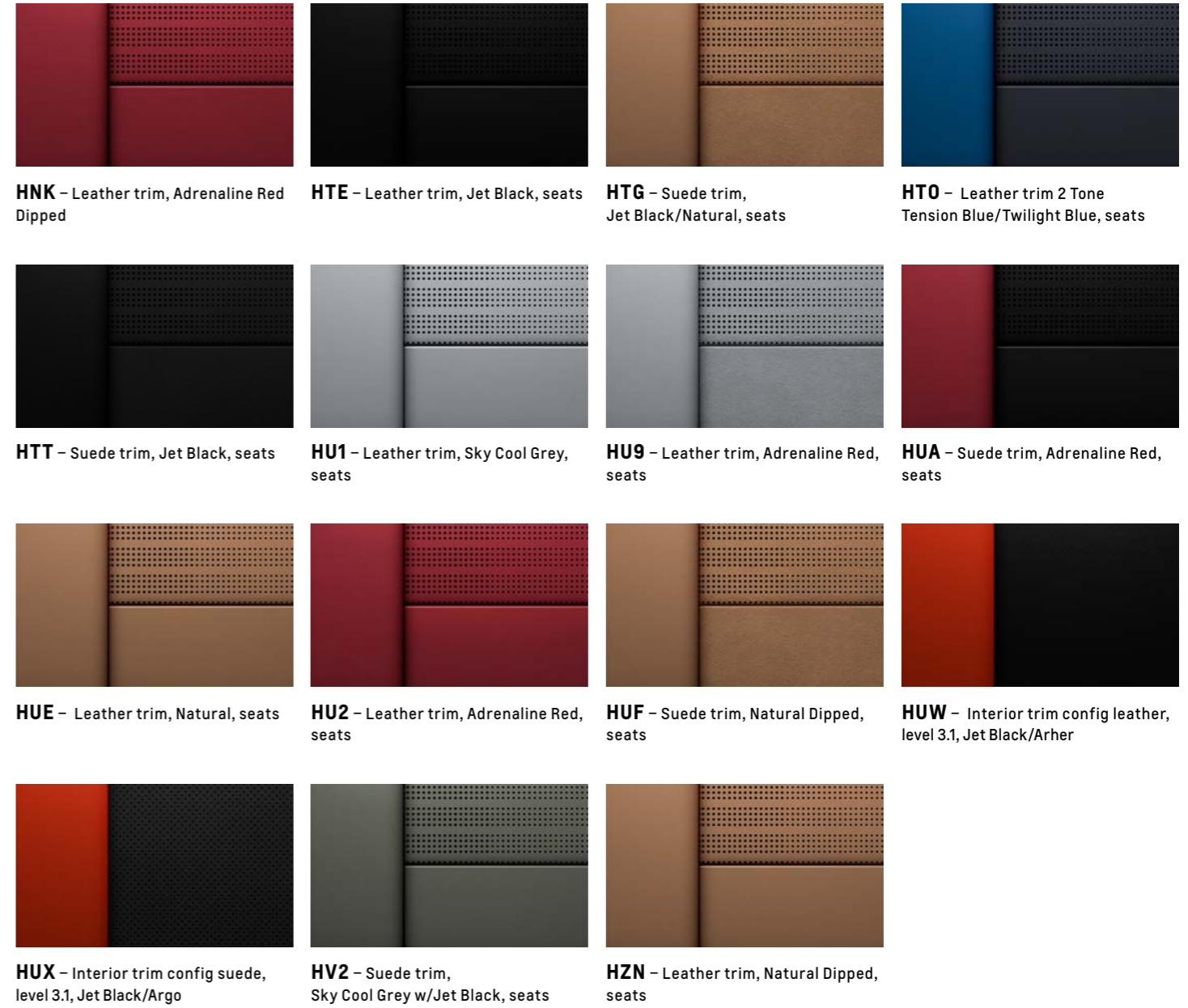


Optional double racing stripe package in Edge Orange



Optional bonnet stripes

INTERIOR COLOURS



The information in this prospectus is correct at the time of going to press (February 2025). Availability, technical data and equipment features may vary from country to country and are subject to change without prior notice. The vehicles shown in this brochure are for illustrative purposes only. The European vehicle specifications may differ from those in the brochure. Some illustrations show equipment elements that are not included in every model. Print colours only approximate the actual colour tone. All specifications, dimensions, measurements, ratings and other figures contained in this brochure or other printed materials provided by the dealer or attached to the car are estimates based on the design drawings, technical drawings, prototypes and laboratory tests. Due to deviations in production and equipment, your vehicle may have different values. Please contact your local Chevrolet partner for information on the exact equipment of our vehicles. These documents may not be reprinted in whole or in part without the express written permission of General Motors. We reserve the right to make changes to prices, colours, materials, features, specifications, models and availability at any time without prior notice.

TECHNICAL DATA

FUEL TANK CAPACITY (APPROX.)

70 litres

ENGINE

Type	LT2 6.2L V-8 VVT with direct injection and Active Fuel Management (cylinder deactivation) and Stop/Start
Bore & Stroke (mm)	103.25×92
Block Material	A319-T7 cast aluminium with cast-in iron cylinder liners and nodular main bearing caps
Oiling System	Dry sump-type (7.1L. capacity); includes oil-spray piston cooling
Oil Type	Dexos 2 0W40 synthetic
Cylinder Head Material	319-T7 cast aluminum
Combustion Chamber Volume	59cc
Compression Ratio	11.51
Valvetrain	Overhead valve, two valves per cylinder; dual-equal variable valve timing
Valve Size (mm)	54 hollow (intake) & 40.4 sodium filled (exhaust)
Fuel Delivery	Direct injection with Active Fuel Management Max pressure 2,900 psi (20 Mpa / 200 bar)
Firing Order	1-8-7-2-6-5-4-3 (all cylinders); 1-7-6-4 (with deactivation)
Throttle Body	87 mm single bore (electronic)
ECU	GM E99 (32-bit processing)
Horsepower (hp / kW)	482 / 354 DIN @ 6450 rpm
Torque (Nm)	613 @ 4500 rpm

TRANSMISSION & AXLE

Type M1L 8-speed dual clutch (DCT)

ELECTRIFICATION SYSTEM

Type	Single motor and gearset
Motor	Permanent magnetic drive motor
Power	162 hp DIN / 119 kW
Torque (Nm)	165
Battery Type	Lithium-ion
Energy	1.9 kWh
Combined Power (with engine)	644 hp / 473 kW

CHASSIS & SUSPENSION

Front suspension	FE5 Short/long arm (SLA) double wishbone, forged aluminum upper and cast aluminum L-shape lower control arms; monotube shock absorbers; Magnetic Selective Ride Control 4.0. Adjustable front lift with memory is available
Rear suspension	FE5 Short/long arm (SLA) double wishbone, forged aluminum upper and cast aluminum L-shape lower control arms; direct-acting stabilizer bar; monotube shock absorbers; Magnetic Selective Ride Control 4.0

Steering Type	Variable-ratio rack-and-pinion with electric power assist; includes Active Steer Stops with Magnetic Ride Control 4.0
Steering Ratio	15.71
Turning Circle (m)	11.6
Brake Type	Front and rear eBoost-assisted carbon ceramic discs with Brembo® four-piston monobloc calipers, front and rear
Brake Rotor Size (mm)	Front 398×38 Rear 391×34
Wheel Size	Front 20-inch×10-inch Rear 21-inch×13-inch
Tire Size	Front 275 / 30ZR20 Rear 345 / 25ZR21

EXTERIOR DIMENSIONS

Wheelbase (mm)	2722
Overall Length (mm)	4731–4734
Overall Width (mm)	2024
Overall Height (mm)	Coupe 1237, Convertible 1236
Track (mm)	Front 1685 Rear 1678

INTERIOR DIMENSIONS

Headroom (mm)	962
Legroom (mm)	1087
Shoulder Room (mm)	1382
Hip Room (mm)	1321

WEIGHTS & CAPACITIES

Mass in running order (kg)	1907–1919 kg (coupe) 1944–1954 kg (convertible)
Cargo Volume (L) ¹	355 (combined front and rear)

¹ Cargo and load capacity limited by weight and distribution.

PERFORMANCE

0–100 km/h	2,9 seconds ¹
Top Speed	296 km/h

¹ Requires Carbon fiber wheels² On a 300-foot skid pad.

SAFETY & DRIVER AWARENESS FEATURES

Airbags¹ frontal and side-impact for driver and front passenger. Includes Passenger Sensing System

Standard Tire Pressure Monitor System (includes tire fill alert)

Standard features Rear Park Assist², Following Distance Indicator², Forward Collision Alert², Lane Keep Assist with Lane Departure Warning², IntelliBeam auto high beams, Automatic Emergency Braking², Front Pedestrian and Bicyclist Braking², Rear Camera Mirror² and Head-Up Display

HD Rear Vision Camera² (1LZ)
 HD Front and Rear Vision Cameras² with front curb view (2LZ and 3LZ)
 Rear Camera Mirror (2LZ and 3LZ)
 Side Blind Zone Alert² (2LZ and 3LZ)
 Rear Cross Traffic Alert² (2LZ and 3LZ)

¹ Always use seat belts and child restraints. Children are safer when properly secured in a rear seat in the appropriate child restraint. See your vehicle Owner's Manual for more information.² Safety or driver-assistance features are no substitute for the driver's responsibility to operate the vehicle in a safe manner. Read the vehicle Owner's Manual for more important feature limitations and information.



**CORVETTE E-RAY
ELECTRIFIES LIFE**

