



2023 MAZDA MX-30 EV

SPECIFICATIONS & FEATURES

PRODUCTION TIMING

Job #1: NOVEMBER 2022

MODEL LINE-UP

ENGINE	MODEL
e-SKYACTIV EV	GS FWD AT
e-SKYACTIV EV	GT FWD AT

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* Information contained herein is subject to change without notice *



2023 MAZDA MX-30 EV

MODEL LINE-UP / MSRP

Effective Date: November 1, 2022

Trim	Trans	Drive	Battery Size	Description	MSRP
GS	1AT	FWD	35 kWh		\$42,650
GT	1AT	FWD	35 kWh		\$47,650

Freight & PDE for all models	\$1,995
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Note: \$100 air conditioning surcharge is excluded from applicable vehicle prices

Options	Available On	MSRP
Single Tone Polymetal Grey Metallic	All models	\$250
Single Tone Machine Grey Metallic	All models	\$350
Multi-tone Zircon Sand Metallic	GT	\$500
Multi-tone Soul Red Crystal Metallic	GT	\$700
Multi-tone Ceramic Metallic	GT	\$700
Pure White / Light Grey interior (available with select exterior colours only)	GT	\$200
Vintage Brown / Dark Grey interior (available with select exterior colours only)	GT	\$200

2023 MAZDA MX-30 EV

VEHICLE HIGHLIGHTS

FEATURE DEPLOYMENT VERSUS 2022 MAZDA MX-30 EV

Exterior Colours:

- New Multi-tone Soul Red Crystal Metallic exterior (exterior colour on main body, D-pillar and roof in Brilliant Black) replacing 2022MY Multi-tone Soul Red Crystal Metallic (exterior colour on main body, contrasting tone D-pillar in Grey Metallic, roof in Brilliant Black)
- New Multi-tone Zircon Sand Metallic exterior (exterior colour on main body, D-pillar and roof in Brilliant Black) added to the line-up
- Multi-tone Polymetal Grey Metallic removed from the line-up
- Single Tone Ceramic Metallic removed from the line-up

Interior Colours:

- New Black leatherette / dark grey cloth interior added to the line-up

See colour and trim guide for further information (Page 8)

2023 MAZDA MX-30 EV

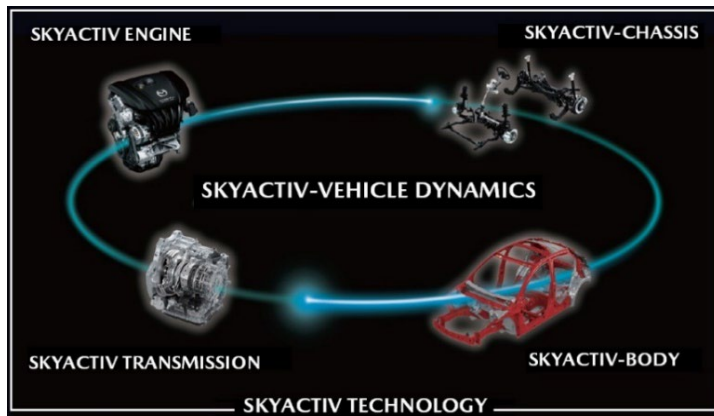
VEHICLE HIGHLIGHTS

G-VECTERING CONTROL (GVC)

WHY

PROGRESSION OF THE JINBA-ITTAI PHILOSOPHY

Mazda aims to offer vehicles that provide driving pleasure and enrich the lives of their owners. We have achieved this through the pursuit of Jinba-Ittai, a feeling of unity between driver and vehicle. GVC is the first technology within Skyactiv-Vehicle Dynamics, and is part of the Skyactiv series of technologies. Skyactiv-Vehicle Dynamics was conceived to integrate control of the engine, transmission, chassis and body to enhance the car’s Jinba-Ittai feel; a sense of connectedness between car and driver that differentiates Mazda vehicles from others.



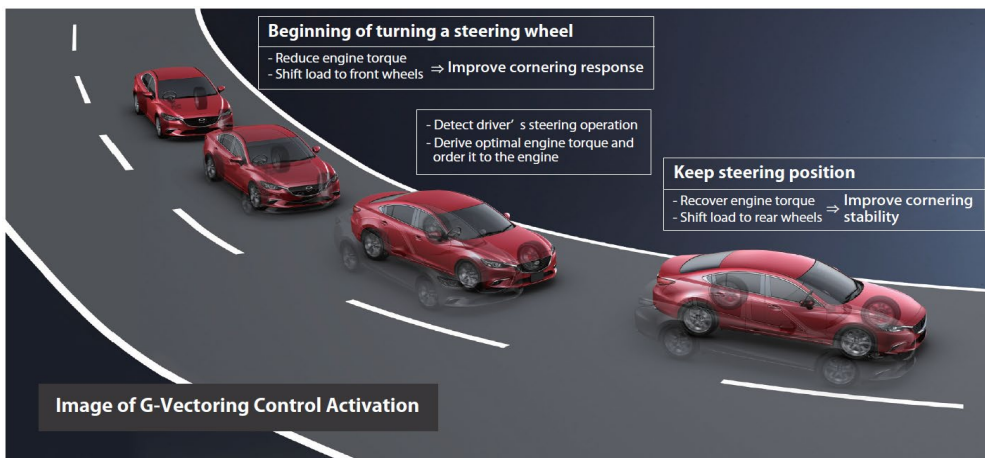
HOW

ENHANCING CHASSIS PERFORMANCE USING THE SKYACTIV ENGINE

GVC is only possible thanks to the existence of Skyactiv engines, which enable precise control of drive torque, and the Skyactiv-Chassis, which facilitates ideal vehicle behavior. GVC maximizes tire performance by focusing on the vertical load on the tires. The moment the driver starts to turn the steering wheel, GVC controls engine drive torque to generate a deceleration G-force, thereby shifting load to the front wheels. This increases front-wheel tire grip, enhancing the vehicle’s turn-in responsiveness.

Thereafter, when the driver maintains a constant steering angle, GVC immediately recovers engine drive torque, which transfers load to the rear wheels, enhancing vehicle stability.

This series of load transfers extracts much more grip from the front and rear tires, improving vehicle responsiveness and stability according to the driver's intentions.



A NATURAL CONTROL EFFECT BASED ON A HUMAN-CENTERED DEVELOPMENT PHILOSOPHY

Mazda studied the biomechanical relationship between the human and a vehicle in operation in order to tune the system to maximize a smooth interaction. The reaction rate and amount of control has been aligned with human sensibilities.

2023 MAZDA MX-30 EV

VEHICLE HIGHLIGHTS

BENEFITS OF GVC

CONFIDENCE INCREASES AS THE CAR BEHAVES MORE IN LINE WITH DRIVER EXPECTATIONS

The driver operates the steering wheel to keep the vehicle within its lane whether driving in a straight line or cornering. However, due to irregularities and undulations in the road surface, the vehicle does not always travel along the expected line, forcing the driver to make corrections with the steering wheel.

Since GVC provides enhanced response to slight steering wheel operations, it greatly reduces the size and frequency of steering corrections.

Because GVC simultaneously enhances handling and stability by optimizing the vertical load on the tires depending on driving conditions, it demonstrates even greater effectiveness in rain and snow and on poor road surfaces.

GVC is also effective at reducing fatigue for both driver and passenger. Fatigue steadily builds up as the driver continues to make minor steering corrections. Since GVC helps alleviate these corrections, it reduces accumulated fatigue over long distances. And by smoothing the transitions between G forces, GVC suppresses the swaying of head and body experienced by vehicle occupants, enabling them to enjoy a more comfortable drive.

Reduction in torso-sway with GVC



* In-house passenger seat comparison of left-hand turn at 30 km/h (lateral acceleration of 0.4 G)

Moving forward, Mazda plans to deploy GVC in most of its new-generation vehicles.

G-VECTURING CONTROL PLUS (GVC PLUS)

Newly added to the smooth and efficient vehicle behaviour delivered by G-Vectoring Control (GVC) is braking control. This further improves vehicle behaviour for even easier control and greater reassurance when changing lanes on the highway, or maneuvering to avoid emergency situations or to counter slippery road conditions on snowy roads.

Applying just a hint of braking to the outer tires when returning the steering wheel to its neutral position while cornering increases the stability of the direction of yaw movement. Because the steering wheel angle is also reduced in the process, it helps maintain a stable vehicle posture for easier, more predictable handling in such situations.



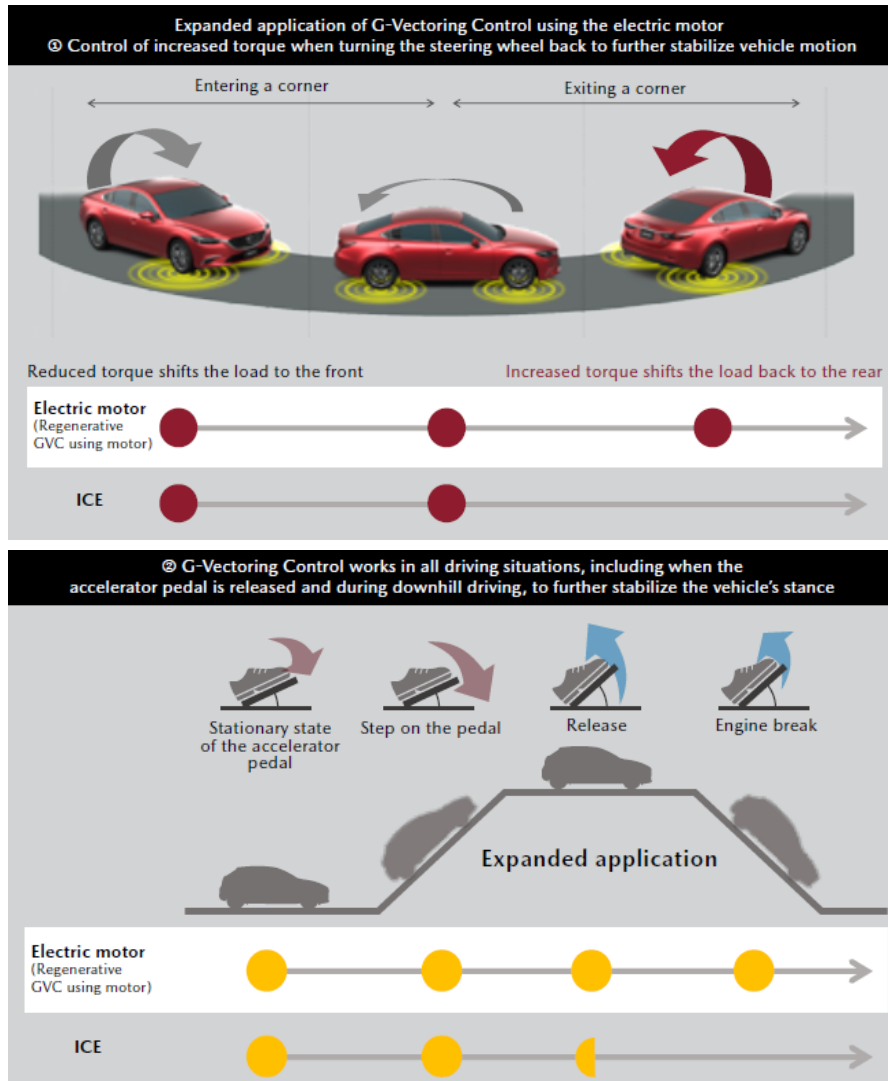
The car leans very little and the steering wheel returns quickly for reassuring and predictable handling

The car leans more, causing worry, and the steering wheel angle is large, so handling is less predictable

ELECTRIC G-VECTORING CONTROL PLUS (e-GVC Plus)

The Mazda MX-30 EV is equipped with Electric G-Vectoring Control Plus (e-GVC Plus), which builds on Mazda-unique G-Vectoring Control Plus (GVC Plus), technology designed to achieve excellent handling stability. By making the most of the characteristics of motor torque and ensuring optimal front-rear load shift across a wider range, we have succeeded in realizing vehicle behavior that is natural and pleasant.

e-GVC Plus technology delivers precise control of motor torque in response to steering input from the driver. When entering a corner, torque is reduced to promote forward load transfer, realizing smooth cornering posture. When the driver starts to return the steering wheel to a neutral position, as the car begins to exit the corner, torque is increased slightly to shift the load to the rear and stabilize cornering behavior. Assisting in a quick return to straight travel. If the driver returns the steering wheel to neutral quickly, cooperative control of brake moment control (which settles cornering behavior) activates to significantly improve vehicle stability. No matter what the speed range, the system achieves smooth and seamless transition between longitudinal and latitudinal G-force, whether the driver is making steering corrections on straight roads or cornering. This ensures vehicle behavior is always natural and pleasant.



2023 MAZDA MX-30 EV

COLOUR AND TRIM GUIDE

DISCLAIMER

This colour guide has been added to facilitate the ordering process. Although we have made every effort to match the colour and fabric, we cannot guarantee the images below are an exact equivalent.

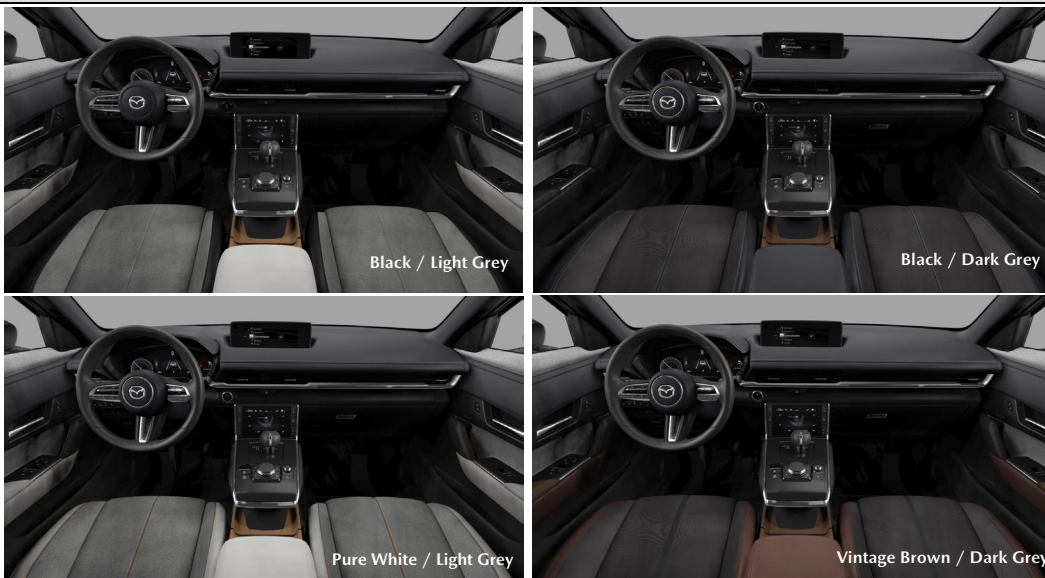
		INTERIOR COLOUR AND TRIM			
		GS	GT		
		Cloth	Leatherette trimmed upholstery		
Exterior Colours	Black / Light Grey	Black / Dark Grey	Pure White / Light Grey	Vintage Brown / Dark Grey	
Single Tone	Arctic White	■	■		
	Machine Grey Metallic	■	■		
	Jet Black Mica	■	■		■
	Polymetal Grey Metallic	■	■	■	
Multi-Tone	Ceramic Metallic (exterior colour on main body, contrasting tone D-pillar in Grey Metallic, roof in Brilliant Black)		■	■	■
	Soul Red Crystal Metallic (exterior colour on main body, D-pillar and roof in Brilliant Black)		■	■	
	Zircon Sand Metallic (exterior colour on main body, D-pillar and roof in Brilliant Black)		■		

EXTERIOR COLOURS¹



¹ Vehicle might not be exactly as shown

INTERIOR COLOURS²



² Upholstery depicted may not be exactly as shown

2023 MAZDA MX-30 EV

SPECIFICATIONS

ELECTRIC SYSTEM	
Type	GS/GT e-SKYACTIV EV
Electric Motor	
Type	AC synchronous motor
Output	
Rated Motor/Generator Power (EPA)	80.9 kW
Drive motor rated power's rated RPM	10,000 rpm
Cooling system	Water-cooled
Battery	
Type	Lithium-ion battery
Discharge capacity	100 Ah
Weight	310 kg
Cell	Prismatic
Total voltage	355V
Battery capacity	35.5kWh
Powertrain	
Electric motor power output	107kW / 143 hp @ 4,500 rpm
Electric motor torque	270.9 Nm / 200 lb-ft @ 3,243
Charge	
DC charging	CCS specs, maximum input 40kW
AC charging	Maximum input 6.6 kW

DRIVETRAIN	
Type	Front-wheel drive
Transmission	1-speed automatic transmission Regenerative braking system

CHARGING COMPATIBILITY ¹		
Home and Public charging (Level1 AC 120V and 15Amps) ¹	13.67 Hours	Mode2 (120V×15A) - state of charge from 20% to 80%
Home and Public charging (Level 2 AC 240V and 30 Amp) ¹	2.83 Hours	Mode2 (240V×30A) - state of charge from 20% to 80%
Quick charging (Level 3 Max Output at 50kWh charging) ¹	36 minutes	Combo1 - state of charge from 20% to 80%

¹ The charging time is based on a battery / ambient temperature of 20 °C. The actual charging time depends on the various conditions at the time of charging, such as the type of fast charging station, battery status, charging habits and the battery and ambient temperature. In cold conditions, both the battery and the ambient temperature affect the required charging time, which in certain situations can lead to a significant increase in the charging time.

CHASSIS													
Front suspension	Independent, MacPherson Strut type coil spring and stabilizer bar												
Rear suspension	Torsion beam												
Steering	Rack and pinion column, electrically assisted power steering												
Steering ratio	15.94 : 1												
Steering wheel turns	2.82 (lock to lock)												
Minimum turning circle	10.6 m (curb to curb diameter)												
Brakes	<table border="1"> <thead> <tr> <th colspan="2">GS / GT</th> </tr> </thead> <tbody> <tr> <td colspan="2">Power-assisted with dual diagonal hydraulic circuits</td> </tr> <tr> <td colspan="2">Anti-lock Brake System (ABS) with Electronic Brake Force Distribution (EBFD)</td> </tr> <tr> <td colspan="2">326 mm ventilated front discs</td> </tr> <tr> <td colspan="2">305 mm solid rear discs</td> </tr> <tr> <td colspan="2">Regenerative braking system</td> </tr> </tbody> </table>	GS / GT		Power-assisted with dual diagonal hydraulic circuits		Anti-lock Brake System (ABS) with Electronic Brake Force Distribution (EBFD)		326 mm ventilated front discs		305 mm solid rear discs		Regenerative braking system	
GS / GT													
Power-assisted with dual diagonal hydraulic circuits													
Anti-lock Brake System (ABS) with Electronic Brake Force Distribution (EBFD)													
326 mm ventilated front discs													
305 mm solid rear discs													
Regenerative braking system													
Wheels	18" alloy wheels (silver metallic finish) (standard on GS) 18" alloy wheels (gunmetal) (standard on GT)												
Tires	215/55R18 (standard on GS and GT)												
Spare tire	Puncture repair kit (replaces spare tire)												
Curb weight (kg)	<table border="1"> <thead> <tr> <th colspan="2">1AT</th> </tr> </thead> <tbody> <tr> <td>FWD</td> <td>1,658</td> </tr> </tbody> </table>	1AT		FWD	1,658								
1AT													
FWD	1,658												

2023 MAZDA MX-30 EV

SPECIFICATIONS

CAPACITIES

Seating	5
Washer fluid tank	4.2 L

EXTERNAL DIMENSIONS (MM)

Wheelbase	2,653
Track (fr/rr)	1,563 / 1,563
Overall length	4,393 (without license plate holder) 4,402 (with license plate holder)
Overall width	1,797 (with wheel arc molding) 2,035 (mirror to mirror - opened)
Overall height	1,562 (w/o sharkfin antenna - unladen)
Ground clearance	137 (between the axles - unladen)

INTERNAL DIMENSIONS (mm unless otherwise stated)

Headroom (fr/rr)	981/940 (without moonroof) 978/940 (with moonroof)
Legroom (fr/rr)	1,057/765
Hiproom (fr/rr)	1,390/1,232
Shoulder room (fr/rr)	1,413 / 1,339

CARGO VOLUME (L)

Cargo Volume (SAE)

Behind 2nd row seats

(Up to ceiling)

GS	GT
431	405

With 2nd row seats folded

(Up to ceiling, not including floor space between seating rows)

GS	GT
1,053	1,028

ELECTRIC DRIVING RANGE²

	Range ²
Combined ²	161 km

²Combined range estimate based on preliminary testing by Mazda. Once confirmed, the official range rating will be published in the applicable NRCAN Fuel Consumption Guide. Full battery charge is required. Actual driving range will vary depending upon driving/charging habits, speed, conditions, weather, temperatures, and battery age.

ENERGY CONSUMPTION ESTIMATES RATINGS (Le/100km)³

	e-SKYACTIV EV (GS/GT) 1AT
City ³	2.4
Highway ³	2.8
Combined ³	2.6

³Estimated based on preliminary testing by Mazda. Once confirmed, the official numbers will be published in the applicable NRCAN Fuel Consumption Guide. To help compare vehicles that use electricity, a conversion factor is used by NRCAN to convert electrical energy consumption values, expressed in kilowatt hours per 100 kilometres (kWh/100 km), into gasoline litres equivalent per 100 kilometres (Le/100 km). One litre of gasoline contains the energy equivalent to 8.9 kWh of electricity.

2023 MAZDA MX-30 EV

EQUIPMENT WALK

GS

ELECTRIC SYSTEM AND MECHANICAL

AC synchronous motor
 Lithium-ion battery
 Battery: 35.5 kWh
 Electric motor power output: 107kW / 143 hp @ 4,500 rpm
 Electric motor torque: 270.9 Nm / 200 lb-ft @ 3,243
 1-Speed Automatic Transmission
 Paddle shifters
 Electric G-Vectoring Control Plus (e-GVC Plus)
 Electric assist power steering
 Front-wheel drive

CHARGING COMPATIBILITY

Home and Public charging (Level 1 AC 120V and 15Amps)¹
 Mode2 (120V×15A) - state of charge from 20% to 80%
 13.67 Hours
 Home and Public charging (Level 2 AC 240V and 30 Amp)¹
 Mode2 (240V×30A) - state of charge from 20% to 80%
 2.83 Hours
 Quick charging (Level 3 Max Output at 50kWh charging)¹
 Combo1 - state of charge from 20% to 80%
 36 minutes
 Portable trickle-charge cable (120 V)

BRAKES

4 Wheel disc brakes
 Anti-lock Brake System (ABS) with Electronic Brake Force Distribution (EBFD)
 Front suspension: independent, MacPherson strut type, with coil springs and stabilizer bar
 Rear suspension: torsion beam
 Rack and pinion column, electrically assisted power steering
 Regenerative braking system

TIRES AND WHEELS

18" alloy wheels (silver metallic finish)
 215/55R18 all-season tires
 Puncture repair kit (replaces spare tire)
 Tire Pressure Monitor System (TPMS) [direct type]

SAFETY AND SECURITY

Blind Spot Monitoring (BSM) with Rear Cross Traffic Alert (RCTA)
 Mazda Radar Cruise Control with Stop & Go function (MRCC with Stop & Go function)
 Smart City Brake Support Front (SCBS-F)
 Smart Brake Support Front (SBS-F)
 Pedestrian Detection (forward sensing)
 Distance & Speed Alert
 High Beam Control System (HBC)
 Lane Departure Warning System (LDWS)
 Lane-keep Assist System (LAS)
 Driver Attention Alert (DAA)
 Traffic Sign Recognition system (TSR)
 Windshield-projected colour Active Driving Display (ADD)
 Hill Launch Assist (HLA)
 Dynamic Stability Control (DSC)
 Traction Control System (TCS)
 Rear parking sensors
 Front Air bag - (Driver, Passenger)
 Side Air Curtains - (Driver, Passenger)
 Front side air bag - (Driver, Passenger)
 Knee Airbags - (Driver, Passenger)
 Front passenger air bag cut-off switch
 Rearview camera (w/static line)
 LATCH Rear Seat Child Safety-seat w/Lower Anchors & Upper Tethers
 3-point seat belts with seatbelt pretensioners
 Whiplash Reducing Front Seat Headrests
 Engine immobilizer theft deterrent system

EXTERIOR

LED headlights
 LED daytime running lights
 LED rear combination tail lights
 Auto on/off headlights
 Power-operated, heated exterior mirrors (black coloured)
 Manually foldable door mirrors
 Integrated turn signal indicators
 Body coloured exterior door handles
 Adjustable intermittent rain sensing front wipers
 Intermittent rear wiper
 Rear window defroster
 Noise-isolating windshield
 Exterior B pillar garnish in black

INTERIOR: AUDIO & CONNECTIVITY

8.8" full colour centre display
 Mazda Connect Infotainment system
 Mazda Connected Car Services available. Mazda Connected Car Service is available for a trial period; a paid subscription is required upon expiry of the trial period. Requires MyMazda App (on a compatible smartphone), a working vehicle electrical system (including battery), wireless coverage and GPS satellite signal. Services, connectivity and capabilities vary by conditions as well as geographical and technical restrictions. See mazda.ca for details. Services may include:
 Remote Services [remote climate control, remote lock/unlock, remote hazard lights; Vehicle Status [vehicle status alert]; Navigation Services [vehicle finder, send to car]; Vehicle Connected Services [vehicle health report, online update, push notifications, malfunction notification]; Mazda Road Side Assistance
 HMI Commander
 FM HD Radio with 8 speakers
 Mazda Harmonic Acoustics with 8-speakers
 Apple CarPlay™ and Android Auto™
 USB ports (2 located in front console)
 Steering wheel mounted Bluetooth® and audio controls
 Bluetooth® with Audio Profile
 Navigation system
 SMS text message functionality
 SiriusXM® Satellite Radio (complimentary 3-month trial subscription)
 SiriusXM Traffic Plus and Travel Link® services (includes complimentary 5-year subscription) (Current information for; Traffic, weather, sport scores and electric vehicle charging).

INTERIOR: COMFORT & CONVENIENCE

7-inch touch-screen display air-conditioning control panel for climate control
 Push Button Start
 Electric Parking Brake (EPB) with auto-hold function
 Tilt and telescopic steering wheel
 Fob type keys (2)
 Advanced keyless entry (vehicle access and lock via key fob proximity)
 Driver one-touch up/down window
 Illuminated entry
 Front room lamp w/ spot lamp (LED)
 Cargo/trunk light (LED)
 Driver and passenger sunvisors with illuminated covered vanity mirrors and extensions
 Rear room spot lamp
 Speed sensing, double-action power door locks
 Front 12V outlet (located in front console)
 Day / night rearview mirror

STORAGE

Front centre storage console with cup holders and console tray
 Front side door pockets with bottle holder
 Passenger side seatback pocket
 Overhead console with sunglass holder
 Rear seat centre armrest with cup holders

¹The charging time is based on a battery / ambient temperature of 20 °C. The actual charging time depends on the various conditions at the time of charging, such as the type of fast charging station, battery status, charging habits and the battery and ambient temperature. In cold conditions, both the battery and the ambient temperature affect the required charging time, which in certain situations can lead to a significant increase in the charging time.

2023 MAZDA MX-30 EV

EQUIPMENT WALK

GS (Cont.)

INTERIOR: SEAT & TRIM

Black / Gray Colour Combo Cloth upholstery
 Heated front seats (three position adjustable)
 Manually adjustable driver seat (8-way)
 Manually adjustable passenger seat (4-way)
 60/40 split-folding rear seats
 Heated steering wheel
 Leather-wrapped steering wheel
 Leather-wrapped shift knob
 Tonneau cover
 Cork interior accents (console area)
 Floating Centre Console
 Custom-fitted floor mats with vehicle nameplate embroidery

INSTRUMENTATION

7" TFT meter display
 Indicates: Speedometer, Odometer, Trip meter, Outside Temperature, Remaining high voltage battery power, Distance-to-full discharge, Average energy efficiency, Charge status display, i-ACTIVSENSE Display, Compass display, Door-Ajar/
 Lift-gate-Ajar warning indication, Message display
 Power meter
 Indicates: The discharge / charge status
 High voltage battery power gauge
 Indicates: The remaining power of the high voltage battery when the power switch is switched ON
 High Voltage Battery Temperature Gauge
 Displays the high voltage battery temperature

GT

Includes GS equipment plus or in exchange with:

TIRES AND WHEELS

18" alloy wheels (bright finish)
 215/55R18 all-season tires

SAFETY AND SECURITY

360° View Monitor
 Front parking sensors
 Emergency Lane Keeping w/ Blind Spot Assist
 Emergency Lane Keeping w/ Road Keep Assist
 Front Cross Traffic Alert
 Driver monitoring (DM)
 Traffic Jam Assist (TJA)
 Rearview camera (w/dynamic line)
 Smart Brake Support Rear (SBS-R)
 Smart Brake Support Rear Crossing (SBS-RC)
 Pedestrian Detection (rear sensing)

EXTERIOR

Power-operated glass moonroof with interior sunshade, tilt-up ventilation feature, one-touch open feature
 Adaptive Front-lighting System (AFS)
 Automatic levelling front headlights
 Exterior mirrors with reverse tilt down function

¹See colour and trim guide for further information (page 8)

EXTERIOR (cont.)

Front wiper de-icer
 Auto-dimming exterior mirror (driver's side)
 Power folding exterior mirrors (automatic operation)
 Exterior mirrors linked with memory seat function
 Signature lighting on rear lights
 Framed Top (3-tone paint) [optional¹]
 Exterior B pillar garnish in piano black

INTERIOR: AUDIO & CONNECTIVITY

Bose Premium Sound System with 12 Speakers

INTERIOR: COMFORT & CONVENIENCE

Power outlet socket (low AC power / 150W) (front console)
 Automatic dimming interior mirror
 HomeLink® wireless control system
 Push Button Start (bright ring detail)

INTERIOR: SEAT & TRIM

Two-tone Leatherette / Cloth trimmed upholstery
 10-way power driver seat (includes power lumbar driver support)
 Memory driver seat (2 memory settings)
 Walking power switch
 Additional cork interior accents (door grip inner)
 Satin chrome plated glove box lever
 Horn pad (bright ring detail)

GT OPTIONS

PURE WHITE / LIGHT GREY INTERIOR²

Pure White / Light Grey interior Leatherette trimmed upholstery

VINTAGE BROWN / DARK GREY INTERIOR²

Vintage Brown / Dark Grey interior Leatherette trimmed upholstery

²Available with select exterior colours only