

2025 Subaru Solterra®

Specifications

Body	5-door, 5-passenger battery-electric powered SUV
Drivetrain	StarDrive® all-electric drivetrain with front and rear AC synchronous permanent-magnet motors, integral transaxles and power inverters.
Output	80kW (x2) / 215 hp
Torque	249 lb-ft.
Battery pack	Lithium-ion: 96 cells, 72.8 kWh Rated voltage: 355.2v Rated capacity: 205 ah Battery cooling/heating system
Charging	Type 1 (SAE J1772) combination connector system (CCS) Charge port on left fender <u>Approximate charge times:</u> L2 240V@32a: 9.5 hours DC fast charging: 80% charge as quickly as 35 minutes
EPA MPGe (city/hwy/combined)	114/94/104 - Premium 111/93/102 - Limited/Touring/Touring Onyx Edition
EPA-estimated EV range	227 miles (Premium) 222 miles (Limited, Touring and Touring Onyx Edition)
Transmission	Single-ratio reduction transaxles Ratio: 13.8:1
AWD system	Symmetrical All-Wheel Drive: Electronic Power-Controlled Variable Power Distribution via independent front and rear electric motors <ul style="list-style-type: none"> • X-MODE® with Snow / Dirt and Deep Snow / Mud modes • Grip Control • Downhill Assist Control • Hill-Start Assist
Stability/traction system	Vehicle Dynamics Control (VDC) with all-wheel, all-speed traction control (TRAC); Active Cornering Assist
Chassis	Subaru e-Global Platform, unitized body construction
Suspension	4-wheel independent
Front	MacPherson-type struts with internal rebound springs, lower L-arms, coil springs, stabilizer bar

Rear	Double wishbone; coil springs; dampers with internal rebound springs; steel lower arms with aerodynamic covers; stabilizer bar
Brakes	Electronic Controlled Power-Assisted Braking 4-wheel disc 4-channel / 4-sensor ABS, Brake Assist and Brake Override systems Regenerative Braking System with 4 driver-controlled modes via steering wheel paddle switches Front: 12.9-in., ventilated with dual-piston calipers Rear: 12.5-in. ventilated with single-piston calipers
Steering	Quick-ratio electric power-assisted rack-and-pinion, variable speed and torque-sensitive
Ratio	14.1:1
Turns, lock to lock	2.8
Turning circle	36.7 ft.
<u>Wheels</u>	<u>Premium</u> 18 x 7.5 in. aluminum alloy, full wheel cover <u>Limited and Touring</u> 20 x 7.5 in. aluminum alloy, gray finish with silver spoke inserts <u>Touring Onyx Edition</u> 20 x 7.5 in. Aluminum alloy, gloss black finish
Tires	<u>Premium</u> 235/60R18 103V all season <u>Limited, Touring and Touring Onyx Edition</u> 235/50 R20 100V all-season tires
Exterior Dimensions	
Wheelbase	112.2 in.
Length	184.6 in.
Width	73.2 in.
Height	65.0 in.
Track	Front: 63.0 in. Rear: 63.4 in.
Min. ground clearance	8.3 in.
Base curb weight (lbs.)	Premium: 4,365 Limited: 4,455 Touring: 4,505 Touring Onyx Edition: 4,505
Roof rail dynamic load limit (lbs.)	176

Roof rail static load limit (lbs.)	700
Interior Dimensions	
Headroom (f/r)	38.8 in. / 38.0 in. without moonroof 38.6 in. / 37.1 in. with moonroof
Leg room (f/r)	42.1 in. / 35.3 in.
Hip room (f/r)	54.4 in. / 44.8 in.
Shoulder room (f/r)	57.8 in. / 56.0 in.
EPA passenger volume	95.7 cu. ft.
EPA cargo volume	23.8 cu. ft. (rear seatbacks up) 63.5 cu. ft. (rear seatbacks down)
Rear cargo opening width	41.3 in.
Max. cargo length	Rear seatbacks up: 38.3 in. Rear seatbacks down: 73.0 in.
Cargo area height	29.8 in. (luggage compartment deck board upper position) 32.6 in. (luggage compartment deck board lower position)