

2023 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: 201 Ah Battery cooling system
Charging	Type 1 (SAE J1772) combination connector system (CCS) Charge port on left fender <u>Approximate charge times:</u> L2 240V@32a: 9 hours DC fast charging: 80 percent charge in about 56 minutes L1 240v @ 8a approximate charge time: 35 hours L1 120v @ 12a approximate charge time: 50 hours L1 120v @ 8a approximate charge time: 77 hours
MPGe (city/hwy/combined)	114/94/104 - Premium 111/93/102 - Limited/Touring
EV Range	228 miles - Premium 222 miles - Limited/Touring
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"> • Dual-Function X-MODE® with Snow / Dirt and Deep Snow / Mud modes • Grip Control • Downhill Assist Control • Hill-Start Assist
Stability/traction system	Vehicle Stability Control (VSC) with all-wheel, all-speed traction control (TRAC); Active Cornering Assist
Chassis	e-Subaru Global Platform
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 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.
Wheels		<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
Tires		<u>Premium</u> 235/60R18 103V all season <u>Limited and Touring</u> 235/50 R20 100V all-season tires
Exterior Dimensions		
	Wheelbase	112.2 in.
	Length	184.6 in.
	Width	73.2 in. (85.4 in. with mirrors)
	Height	65.0 in.
	Track	Front: 63.0 in. Rear: 63.4 in.
	Min. road clearance	8.3 in.
	Base curb weight (lb.)	Premium: 4,365 Limited: 4,455 Touring: 4,505
Interior Dimensions		
	Head room (f/r)	38.8 in. / 38.0 in. (w/o moonroof) 38.6 in. / 37.1 in. (w/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	27.7 cu. ft. (rear seat up, luggage compartment deck board up) 29.0 cu. ft. (rear seat up, luggage compartment deck board down)
Max. cargo length	38.3 in. (rear seat up) 73.0 in. (rear seat down)
Rear Door Opening	41.3 in.
Cargo width between wheel	38.1 in.
Cargo area height	29.8 in. (deck board upper position) 32.6 in. (deck board lower position)