



For Immediate Release

2021 NISSAN LEAF SPECIFICATIONS

Specifications are based on latest product information available at the time of release

Mechanical

Mechanical and Platform	S	SV
110 kW AC synchronous electric motor (EM57)		S
40 kWh lithium-ion battery, 192 cells		S
147 horsepower		S
236 lb-ft of torque @ 0~3283 rpm		S
6.6 kW onboard charger (6.0 kW output)	S	S
Charging time ¹ (est.)		
220V ~ 7.5 hrs		
110V ~ 35 hrs		
Quick Charge 40 min to 80%	O	S
Portable trickle charge cable (120V EVSE)		S
Portable charge cable (120V/240V EVSE)	O	O
Range ² : EPA-estimated range – up to 149 miles		S
Dedicated EV platform		S
Battery housed in the floor for optimum vehicle packaging and weight distribution		S
Li-ion battery pack warranty ³ – 8 years or 100,000 miles against defects; 8 years or 100,000 miles against excessive capacity loss		S
Emissions	Tier3Bin0/CFV ZEV, ILEV (Fed), ZEV (CAL)	

Transmission and Drive System	
Drive configuration	Front-wheel drive
Transmission type	Single speed reducer
Shifter style	Shift-by-wire drive selector
Final drive ratio (:1)	8.193
Hill Start Assist	S
e-Pedal	S
3 Drive Modes:	
Normal	S
Eco-Mode – Increased regenerative braking, assists in limiting motor output and reduces HVAC power output	S
B-mode – Engages regenerative braking more aggressively while decelerating	S

Brakes		S	SV
Cooperative regenerative brakes		Electrically-driven intelligent brake	
4-wheel power-assisted disc brakes		S	
	Front	11.14" x 1.1" vented disc	
	Rear	11.5" x 0.63" vented disc	
4-wheel Anti-lock Braking System		S	
Brake assist		S	
Electronic brake force distribution (EBD)		S	
Parking brake	Manual, foot pedal	S	S
	Electric (E-PKB)	-	O

Steering		S	SV
Type		Vehicle-speed-sensitive electric power-steering	
Turning diameter (curb-to-curb, ft.)		34.8	36.1
Steering Wheel	3-spoke	S	S
	Manual tilt	S	S
	Manual telescopic	S	S
	Leather-wrapped	-	S
	Heated	-	S
Cruise control switches		S	
Audio, Bluetooth® switches		S	
Eco-mode switch		S	

Suspension		
Front	Type	Independent MacPherson strut w/ coil springs and stabilizer bar
Rear	Type	Torsion beam with integrated stabilizer bar

Body/Chassis	
Type	Unibody
Primary materials	Corrosion-resistant high strength steel

Exterior

Wheels & Tires		S	SV
Wheels			
16-inch steel with full wheel covers		S	-
17-inch aluminum-alloy, machined finish		-	S
Tires			
All-season 205/55R16 Bridgestone Ecopia		S	-
All-season 215/50R17 Michelin Energy Saver		-	S
Tire repair kit - mounted in trunk		S	

Exterior Features		S	SV
Dual power remote-controlled outside mirrors		S	
Heated outside mirrors		-	S
Chrome outside door handles		S	
Aerodynamic underbody cover and rear diffuser		S	
Aerodynamic halogen headlights		S	S

Aerodynamic LED low beam headlights	-	O
LED daytime running lights	-	O
Automatic on/off headlights		S
High Beam Assist		S
Fog lights	-	S
LED taillights		S
Center high-mounted stop light		S
Energy-absorbing body-color front and rear bumpers		S
Rear spoiler		S
Fixed roof antenna		S
Charge port light and lock		S
Quick charge port	O	S

Interior

Interior	S	SV
5-passenger seating capacity		S
6-way manual driver's seat	S	S
8-way power driver's seat (with 2-way lumbar)	-	O
4-way manual front passenger seat		S
Bio Suede PET material		S
Front heated seats	-	S
60/40 folding rear seats		S
Passenger seat pockets		S
Remote charge door release		S
Digital meter cluster		S
Trip computer (State of Charge percentage, instant and average energy consumption, driving time, outside temperature and autonomy range)		S
Front and rear assist grips		S

Audio/Navigation	S	SV
AM/FM with MP3/WMA playback capability, 4 speakers, 8.0-inch color LCD display	S	-
AM/FM with MP3/WMA playback capability, 6 speakers, 8.0-inch color LCD display	-	S
Apple CarPlay® and Android Auto™		S
USB connection port for iPod® and other devices (4 total)		S
Siri® Eyes Free		S
Bluetooth® streaming audio		S
SiriusXM® Radio (SiriusXM® subscription required, sold separately)		S
NissanConnect EV with navigation and services – with Nissan Door to Door Navigation with 3D building graphic and satellite imagery, Nissan SiriusXM® Radio with advanced audio features, SiriusXM® Travel Link™ and SiriusXM® Traffic USB connection port for iPod interface and other compatible devices, Bluetooth® hands-	-	S

free phone system, streaming audio via Bluetooth®, hands-free text messaging assistant, NissanConnect Services Powered by SiriusXM® (SiriusXM® subscription required, sold separately)		
NissanConnect EV (telematics) – allows remote connection to vehicle, including monitoring battery state of charge/charging status, start charging event and turn on HVAC system (no-charge subscription required)	-	S

Instrumentation	
Digital gauges	Battery temperature Power meter Remaining energy gauge Capacity level gauge Distance to empty display Eco indicator Outside temperature gauge ProPILOT Assist status

Convenience Features	S	SV
Cruise control	S	-
Intelligent Cruise Control	-	S
Nissan Intelligent Key™ with push button start and charge port door release		S
Power windows with driver's side one-touch auto up/down		S
Power door locks w/auto locking system		S
Cup holders – 2 in center console		S
Bottle holders – 4 (door panels)		S
Sun visors with extension		S
Glove compartment		S
Bluetooth® hands-free phone system		S
Variable intermittent windshield wipers		S
Rear window defroster with timer		S
Room lamp		S
12-volt power outlet (1 on IP)		S
Automatic temperature control		S
Heater, AC timer		S
Charging timer – set desired charge time		S
Center console storage		S
Hybrid heater system – (heat pump)	-	S
Cargo area cover	-	A
Auto-dimming inside rearview mirror	-	O
RearView monitor		S
Intelligent Around View® Monitor	-	O
HomeLink® Universal Transceiver	-	O
Hands-free text messaging assistant		S
Rear Door Alert		S

Safety & Security

Passenger Restraint Systems		
Nissan Advanced Air Bag System with dual-stage supplemental front air bags with seat belt sensors and occupant classification sensor		S
Front seat-mounted side-impact supplemental air bags		S
Roof-mounted curtain side-impact supplemental air bags for front and rear-seat outboard occupant head protection		S
Driver and front passenger knee supplemental air bags		S
Rear seat-mounted side-impact supplemental air bags		S
Seatbelts	3-point ALR/ELR Pretensioners Load-limiters	All (including inboard)(driver ELR only) Front Front

Child Safety	
Child seat upper tether anchor	S
Power window lockout system	S
LATCH system	S
Child safety rear door locks	S

Passive Safety	
Energy-absorbing steering column	S
Zone body construction with front & rear crumple zones	S
Side door guard beams	S

Active Safety	
Anti-lock Braking System	S
Vehicle Dynamic Control	S
Traction Control System	S
Tire Pressure Monitoring System	S

Safety, Security and Driving Aids	S	SV
ProPILOT Assist	-	0
Nissan vehicle immobilizer system	S	
Vehicle security system	S	
Intelligent Forward Collision Warning	S	
Automatic Emergency Braking with Pedestrian Detection	S	
Rear Automatic Braking	S	
Blind Spot Warning	S	
Blind Spot Intervention	S	
Rear Cross Traffic Alert	S	
Intelligent Driver Alertness	-	0
Intelligent Lane Intervention	S	

Dimensions

Exterior	S	SV
Wheelbase	106.3 in.	
Overall Length	176.4 in.	
Overall Width	70.5 in.	
Overall Height	61.4 in.	61.6 in.
Track width front/rear	60.6/61.2 in.	60.2/60.8 in.
Ground clearance	5.9 in.	
Angle of approach	16.3°	16.7°
Angle of departure	25.0°	25.9°
Coefficient of drag (Cd)	0.28	

Interior		
Seating Capacity		5 passengers
Front	Headroom	41.2 in.
	Legroom	42.1 in.
	Hip room	51.7 in.
	Shoulder room	54.3 in.
Rear	Headroom	37.3 in.
	Legroom	33.5 in.
	Hip room	50.0 in.
	Shoulder room	52.5 in.
Passenger compartment volume		92.4 ft ³
Cargo volume	2 nd row upright	23.6 ft ³
	2 nd row folded	30.0 ft ³
Total volume		116.0 ft ³

Weights & Capacities

Weights (lbs)	S	SV
Front	2,042	2,088
Rear	1,459	1,480
Total	3,501	3,568
Weight distribution (f/r)	58/42	
Gross Vehicle Weight Rating	4,508	

EPA Estimated Fuel Economy	S	SV
City (MPGe)	123	123
Highway (MPGe)	99	99
Combined (MPGe)	111	111
Classification	Midsize	

Options & Packages

Options	S	SV
S Charge Package: Quick charge port, portable charge cable (120V/240V EVSE)	0	-
SV Technology Package: ProPILOT Assist (steering assist, Intelligent Cruise Control with full speed range and hold), 8-way power driver's set with 2-way lumbar, auto-dimming inside mirror, HomeLink® Universal Transceiver, LED headlights, LED signature	-	0

daytime running lights, portable charge cable (120V/240V EVSE), electric parking brake, Intelligent Around View® Monitor, Intelligent Driver Alertness		
Cargo Cover: Removable cargo cover	-	A

1. Charging times and range estimates may vary depending on driving/charging habits, weather, temperature and battery age.
2. MY21 EPA range of 149 miles. Actual range will vary within trim levels, options, driving conditions. Use for comparison only.
3. For complete information concerning coverage, conditions and exclusions, see your Nissan dealer and read the actual New Vehicle Limited Warranty booklet.

S – Standard
O – Optional
A – Accessory