

For Release September 10, 2015

2016 NISSAN LEAF SPECIFICATIONS

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

Mechanical

Mechanical and Platform	S	SV	SL
High-response 80 kW AC synchronous electric motor		S	
24 kWh laminated lithium-ion (Li-ion) battery, 192 cells	S	-	-
30 kWh laminated lithium-ion (Li-ion) battery, 192 cells	-	S	S
107 horsepower and 187 lb-ft of torque		S	
3.6 kW onboard charger (3.3 kW output) Charging time (est.) 220V ~ 4 hrs (24 kWh) 110V ~ 21 hrs (24 kWh) Fast Charge 30 min to 80%	S O	- -	- -
6.6 kW onboard charger (6.0 kW output) Charging time (est.) 220V ~ 6 hrs (30 kWh) ~ 5 hrs (24 kWh) 110V ~ 26 hrs (30kWh) ~ 21 hrs -(24 kWh) Fast Charge 30 min to 80%	O -	S S	S S
Portable trickle charge cable (110V EVSE)		S	
Range*: EPA-estimated range – 84 miles (Battery capacity decreases with time and use. Actual range will vary depending upon driving/charging habits, speed, conditions, weather, temperature, and battery age.)	S	-	-
Range*: EPA-estimated range – 107 miles (Battery capacity decreases with time and use. Actual range will vary depending upon driving/charging habits, speed, conditions, weather, temperature, and battery age.)	-	S	S
Dedicated EV platform		S	
Battery housed in the floor for optimum vehicle packaging and weight distribution		S	
Li-ion battery pack warranty** – 8 years or 100,000 miles against defects; 5 years or 60,000 miles against excessive capacity loss	S	-	-
Li-ion battery pack warranty – 8 years or 100,000 miles against defects; 8 years or 100,000 miles against excessive capacity loss	-	S	S

Transmission and Drive System	
Drive configuration	Front-wheel drive
Transmission type	Single speed reducer
Shifter style	Shift-by-wire drive selector
Final gear ratio (:1)	TBD
Hill Start Assist	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	
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 (ABS)	S
Brake Assist	S
Electronic Brake force Distribution (EBD)	S
Parking brake	Manual, foot pedal

Steering		S	SV	SL
Type	Vehicle-speed-sensitive electric power-steering			
Turning diameter (curb-to-curb, ft.)	17.1			
Steering Wheel	3-spoke	S	S	S
	Manual tilt	S	S	S
	Leather-wrapped	-	S	S
	Heated	-	S	S
	Cruise control switches	S		
	Audio, Bluetooth® switches	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	SL
Wheels			
16-inch steel with full wheel covers	S	-	-
17-inch aluminum-alloy, split 5-spoke	-	S	S
Tires			
All-season 205/55R16 Bridgestone Ecopia	S	-	-
All-season 215/50R17 Michelin Energy Saver	-	S	S
Tire repair kit – Mounted in trunk		S	

Exterior Features	S	SV	SL
Heated dual power remote-controlled 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	-	-	S
Automatic on/off headlights	-	-	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	
Photovoltaic Solar Panel Spoiler	-	-	S
Fixed roof antenna		S	
Charge port light and lock		S	
Quick charge port	O	S	S

Interior

Interior	S	SV	SL
5-passenger seating capacity		S	
6-way manual driver's seat		S	
4-way manual front passenger seat		S	
Cloth seat fabric	S	-	-
Bio Suede PET Material	-	S	-
Leather-appointed seating	-	-	S
Front heated seats	S	S	S
Rear heated seats	-	-	S
60/40 folding rear seats		S	
Rear HVAC ducts		S	
Passenger seat pockets	-	S	S
Palm-shift drive selector		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	SL
AM/FM/CD with MP3/WMA CD playback capability, 4 speakers, 5.0-inch color LCD display	S	-	-
AM/FM/CD with MP3/WMA CD playback capability, 6 speakers, 7.0-inch color LCD display	-	S	S
Energy Efficient Series Bose® 7-speaker premium audio system	-	O	O
HD Radio	-	S	S
Auxiliary input jack and USB connection port for iPod® and other devices	S		
Bluetooth® Streaming Audio	S		
SiriusXM Satellite Radio (SiriusXM subscription required, sold separately)	S		
NissanConnect SM with Mobile Apps	S	-	-
NissanConnect with Navigation and Mobile Apps – with SiriusXM Travel Link™ (SiriusXM subscription required, sold separately), Voice Destination Entry (VDE)	-	S	S
NissanConnect EV – 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	S

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

Convenience Features	S	SV	SL
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	
Cupholders – 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	S
Cargo area cover	-	-	S
Auto-dimming inside rearview mirror	-	S	S
RearView Monitor	S	S	S
Around View® Monitor	-	O	O
HomeLink® Universal Transceiver	-	-	S
Hands-free Text Messaging Assistant		S	

Safety & Security

Passenger Restraint Systems		
Nissan Advanced Air Bag System (AABS) 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
Seatbelts	3-point ALR/ELR Pretensioners Load-limiters	All (including inboard)(driver ELR only) Front Front

Child Safety	
Child seat upper tether anchor	S
LATCH System	S
Child safety rear door locks	S

Safety Structure	
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 (ABS)	S
Vehicle Dynamic Control (VDC)	S
Traction Control System (TCS)	S
Tire Pressure Monitoring System (TPMS)	S

Security	
Nissan Vehicle Immobilizer System	S
Vehicle Security System (VSS)	S

Dimensions

Exterior	
Wheelbase	106.3 in.
Overall Length	175.0 in.
Overall Width	69.7 in.
Overall Height	61.0 in.
Track width front/rear	60.6/60.4 in.
Ground clearance	6.3 in.
Angle of approach	16.9°
Angle of departure	26.0°
Coefficient of drag (Cd)	0.28

Interior		
Seating Capacity	5 passengers	
Front	Headroom	41.2 in.
	Legroom	42.1 in.
	Hip room	51.7
	Shoulder room	54.3
Rear	Headroom	37.3 in.
	Legroom	33.3 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	SL
Front	1,872	1,927	1,956
Rear	1,385	1,415	1,435
Total	3,256	3,342	3,391
Weight distribution (f/r)	58/43	58/42	58/42
Gross Vehicle Weight Rating (GVWR)	4,277	4,328	4,328

EPA Estimated Fuel Economy	S	SV	SL
City (MPGe)	126	124	124
Highway (MPGe)	101	101	101
Combined (MPGe)	114	112	112
Classification	Midsize		

Options & Packages

Options	S	SV	SL
Charge Package: 6.6 kW onboard charger (6 kW output), quick charge port	O	-	-
Premium Package: Around View [®] Monitor, Bose [®] 7-speaker audio system	-	O	O

**Charging times and range estimates may vary depending on driving/charging habits, weather, temperature and battery age. The 6.6 kW onboard charger is a standard feature on SV and SL trims. It is an optional feature on the S trim.*

*** 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