



For Immediate Release

## 2023 Nissan Ariya FWD Specifications

*Specifications are based on the latest product information as of September 2022*

**S** - Standard **O** - Option

### Mechanical

Powertrain	Engage	Venture+	Evolve+	Empower+	Premiere
Motor	Single, Externally Excited Synchronous Motor (EESM)				
Output (kW)	160			178	
Horsepower	214			238	
Torque (lb-ft)	221				
Battery	Lithium-ion, liquid-cooled, underfloor-mounted				
Battery heater	S				
Total battery capacity (kWh)	66			91	
Usable battery capacity (kWh)	63			87	
Maximum motor speed (rpm)	13,520				
7.2-kW onboard charger	S				
130-kW DC fast charger	S				
Quick Charge Port	CCS Standard				
Portable charge cable (120V EVSE)	-	S	-	-	-
Portable charge cable (120V / 240V EVSE)	S	-	S	S	S
Charging times					
Quick Charge (20-80%), 130 kW	35 minutes			40 minutes	
Quick Charge (20-80%), 50 kW	65 minutes			90 minutes	
Level 2 (0-100%)	10.5 hours			14 hours	
Emissions certification	Tier3 Bin0/CFV ZEV, ILEV(Fed) ZEV(CAL)				

Drive System	
Drive configuration	Front-wheel drive
Transmission type	Single-speed
Shifter style	Shift-by-wire drive selector
Final drive ratio (:1)	11.09
Drive Modes	Normal, ECO, Sport
Hill Start Assist	S

<b>Brakes</b>	
Braking system	Regenerative braking system with e-Step mode
Front	Vented disc 13.8 x 1.18 inches
Rear	Vented disc 13.0 x 0.63 inches
Electronic Brake Force Distribution	S
Brake Assist	S
Anti-lock Braking System	S
Number of wheels/channels/sensors	4/4/4
Electronic parking brake	S

<b>Steering</b>	<b>Engage</b>	<b>Venture+</b>	<b>Evolve+</b>	<b>Empower+</b>	<b>Premiere</b>
Type	Electric power-assisted				
Power-assisted	S (Vehicle-speed variable assist)				
Turning diameter – curb-to-curb (feet)	35.4				
Steering wheel					
Leather-wrapped	S				
Manual tilt	S				
Manual telescope	S				
Haptic	S				
Heated steering wheel	S	-		S	
Audio switches	S				
Bluetooth® switches	S				
Cruise control switches	S				

<b>Suspension</b>	
Front	Independent strut with coil springs
Stabilizer bar	S - Hollow bar
Rear	Independent multi-link
Stabilizer bar	S - Hollow bar

<b>Body / Chassis</b>	
Type	Unibody
Materials (primary)	High-strength steel
Materials (doors)	Aluminum

## **Exterior**

<b>Wheels and Tires</b>	
19 x 7.5-inch aluminum-alloy wheels with aero covers	S
235/55R19 all-season tires	S
Spare tire	Repair kit, inside trunk
Tire Pressure Monitoring System	S (direct sensor type with individual position monitoring)
Easy-Fill Tire Alert	S

<b>Exterior Features</b>	<b>Engage</b>	<b>Venture+</b>	<b>Evolve+</b>	<b>Empower+</b>	<b>Premiere</b>
Outside mirrors					
Power adjusted	S				
Dual power-folding	S				
Heated	S				

Black	S				
Bumpers, front and rear	Body-color				
Front and rear door handles	Capacitive, body-color				
Grille	Dark gray				
Rear roof-mounted spoiler	S				
Windshield, green-tinted + UV cut	S				
Second-row windows Privacy glass Green-tinted + UV cut	S S				
Wipers					
Front vehicle-speed intermittent	S	S	S	S	S
Front rain-sensing	-	-	S	S	S
Rear intermittent	S	S	S	S	S
Window trim	Satin chrome				
Power panoramic moonroof with tilt, power sunshade and one-touch open/close	-	-	S	S	S
Fixed cross bars	0				
Roof rack capacity (pounds)	165.35				
Manual liftgate	S	S	-	-	-
Power liftgate/hatch closure assist	-	-	S	S	S
Illuminated Nissan badge	S				

<b>Lights</b>	<b>Engage</b>	<b>Venture+</b>	<b>Evolve+</b>	<b>Empower+</b>	<b>Premiere</b>
Headlights					
LED Automatic on/off LED daytime running lights High Beam Assist			S		
Intelligent Auto Headlights			S		
LED front fog lights	-	-	S	S	S
Center high-mounted stop light			S		
LED tail lights with full-width illumination			S		
Cargo area lights			S		

### **Interior**

<b>Seating</b>	<b>Engage</b>	<b>Venture+</b>	<b>Evolve+</b>	<b>Empower+</b>	<b>Premiere</b>
Capacity	5-passenger				
Materials					
Cloth	-	S	-	-	-
Leatherette	S	-	S	S	S
Driver's seat					
6-way manual adjustable	-	S	-	-	-
8-way power adjustable	S	-	S	S	S
Power lumbar support	S	-	S	S	S
Memory function	S	-	S	S	S
Front passenger seat					
6-way manual adjustable	-	S	-	-	-
8-way power	-	-	S	S	S

Heated front seats	S	-	S	S	S
Second-row seats					
60/40 split	S				
Manual recline	S				
Fold flat	S				
Heated	S	-	S	S	S

<b>Audio, Navigation and Connectivity</b>	<b>Engage</b>	<b>Venture+</b>	<b>Evolve+</b>	<b>Empower +</b>	<b>Premiere</b>
NissanConnect® EV featuring wireless Apple CarPlay® and wired Android Auto™, 12.3-inch color display with multi-touch control, AM/FM with 6 speakers	S				
2 front illuminated USB connection ports (1 Type-A, 1 Type-C)	S				
2 rear charge-only USB connection ports (1 Type-A, 1 Type-C)	S				
Siri® Eyes Free	S				
Amazon Alexa Built-In	S				
Speed-sensitive volume control	S				
Steering wheel audio controls	S				
Voice Recognition	S				
Streaming Audio via Bluetooth®	S				
SiriusXM® Radio (SiriusXM® subscription required, sold separately)	S				
Satellite radio antenna	S				
Bluetooth® Hands-free Phone System	S				
Nissan Door-to-Door Connected Navigation	S				
NissanConnect Services powered by SiriusXM® (SiriusXM® subscription required, sold separately)	S				
Wi-Fi hotspot	S				
Wireless Apple CarPlay®	S				
Wireless charging pad	-	-	S	S	S
12.3-inch Advanced Drive-Assist® meter display digital dashboard	S				
Head up display	S	-	S	S	S
Virtual Personal Assistant (VPA)	S				
Firmware Over-The-Air updates (FOTA)	S				

<b>Instrumentation</b>	
12.3-inch full TFT meter display Advanced Drive-Assist® Display	S
Digital Meters/Gauges	
Speedometer	S

Power meter	S
Remaining energy gauge	S
Capacity level gauge	S
Distance-to-empty indicator	S

<b>Comfort and Convenience Features</b>	<b>Engage</b>	<b>Venture+</b>	<b>Evolve+</b>	<b>Empower+</b>	<b>Premiere</b>
12-volt outlets (front console area)	S				
Assist grips	S				
Front – folding	S				
Rear – folding	S				
Center and passenger-side glove compartments	S				
Glove compartment light	S				
Manual-dimming inside rearview mirror	S	S	-	-	-
Intelligent Rear View Mirror with HomeLink® Universal Transceiver	-	-	S	S	S
Hands-free Text Messaging Assistant	S				
Intelligent Around View® Monitor	-	-	S	S	S
RearView Monitor	S				
Double map lights	S				
Andon ambient lighting	S				
Multi-color contextual line illumination	-			S	
Driver's and front passenger sliding sunvisors w/illuminated vanity mirror and cover	S				
Illuminated kick plates	-	-	-	-	S
Power-sliding center console	S	-	S	S	S
Power center storage with tray table	-	-	S	S	S
Power windows – one-touch up/down driver and passenger front with auto-reverse function	S				
Power door locks w/selective unlocking and anti-lockout feature, auto-locking system	S				
Front seat center console	S				
Cupholders	4				
Bottleholders – doors	4				
Dual-zone Automatic Temperature Control	S				
Second row heating/air conditioning vents on center console	S				
Nissan Intelligent Key® with push button start and 4-door request Switches	S				
Divide-N-Hide® Cargo System	S	-	S	S	S
Cargo area tie-down hooks (12)	S				
Cargo area carpeting	S				

Hard tonneau cover	S	-	S	S	S
Rear Door Alert	S				
Front sonar system	S				
Rear sonar system	S				

## **Safety and Security**

<b>Passenger Restraint Systems</b>		
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 with rollover sensor for front and rear-seat outboard occupant head protection		S
Door-mounted curtain side impact supplemental air bags for outboard occupant head protection		S
Driver and passenger knee airbags		S
Rear seat-mounted side-impact supplemental air bags		S
Outboard seat belts	Front	3-point (ALR/ELR for passenger, ELR for driver)
	Rear	3-point ALR/ELR
Center seat belt	Rear	3-point ELR
Power window lockout button		S
Child restraint upper tether anchors		S
LATCH system		S
Child safety rear door locks		S

<b>Passive Safety</b>	
Zone body construction with front and rear crumple zones Energy-absorbing steering column Hood buckling creases and safety stops Shift interlock system Vehicle Dynamic Control Traction Control System	S

<b>Safety, Security and Driving Aids</b>	<b>Engage</b>	<b>Venture+</b>	<b>Evolve+</b>	<b>Empower+</b>	<b>Premiere</b>
Vehicle Security System			S		
Nissan Vehicle Immobilizer System			S		
Automatic Emergency Braking with Pedestrian Detection			S		
Intelligent Cruise Control with Distance Control Assist			S		
Intelligent Forward Collision Warning			S		

Lane Departure Warning	S				
Intelligent Lane Intervention	S				
Blind Spot Warning	S				
Intelligent Blind Spot Intervention	S				
Rear Cross Traffic Alert	S				
Rear Automatic Braking	S				
Rear Cross Traffic Alert	S				
Haptic steering	S				
Intelligent Driver Alertness	S				
Traffic Sign Recognition	S				
ProPILOT Assist with Navi-link	S				
ProPILOT Assist 2.0	-	-	-	S	S
ProPILOT Park	-	-	-	S	S

### **Dimensions**

<b>Exterior (inches)</b>	<b>Engage</b>	<b>Venture+</b>	<b>Evolve+</b>	<b>Empower+</b>	<b>Premiere</b>
Wheelbase	109.3				
Overall length	182.9				
Overall width	74.8				
Overall height	65.4				
Track width					
Front	64.4				
Rear	64.4				
Minimum ground clearance	6.3				
Coefficient of drag (Cd)	.3				
Angle of approach (degrees)	17.6				
Angle of departure (degrees)	23.6				
Breakover angle (degrees)	16.9	16.6			

<b>Interior (inches)</b>	<b>Engage</b>	<b>Venture+</b>	<b>Evolve+</b>	<b>Empower+</b>	<b>Premiere</b>
Head room (front/rear)	39.6/38.3		37.9/38.3		
Leg room (front/rear)	42.3/37.0				
Hip room (front/rear)	56.0/52.5				
Shoulder room (front/rear)	57.1/55.9				

<b>Weights</b>		<b>Engage</b>	<b>Venture+</b>	<b>Evolve+</b>	<b>Empower+</b>	<b>Premiere</b>
Curb (pounds)	Front	2,405	2,418	2,458		
	Rear	1,918	2,110	2,150		
	Total	4,323	4,528	4,608		
Weight dist. (%)	F/R	56/44	53/47	53/47		
GVWR (pounds)		5,313	5,643			

<b>Capacities</b>	
Motor oil (quarts)	2.1
Towing (lbs)	N/A for FWD

<b>Volume (cubic feet)</b>	
Passenger compartment (with/without moonroof)	96.3/101.2
Cargo	

Second-row seat upright	22.8
Second-row seat folded	59.7
Total (w / & w/o moonroof)	119.1/124.0

<b>Efficiency and Range</b>					
<i>(Actual mileage may vary)</i>	<b>Engage</b>	<b>Venture+</b>	<b>Evolve+</b>	<b>Empower+</b>	<b>Premiere</b>
City (MPGe)	109	111		105	
Highway (MPGe)	94	95		91	
Combined (MPGe)	101	103		98	
Range (miles)	216	304		289	
Classification	Small Station Wagons				

**S** - Standard **O** - Option