



# Electric vehicle charging grenada

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As battery technology advances, range increases, and charging becomes more convenient, more drivers than ever are going EV. As the manufacturer of the world's first mass-market electric vehicle, Nissan is at the forefront of the electric-driving revolution. As your local Nissan dealer, Grenada Nissan is your partner on your EV journey - from sales and service to the many benefits and perks that come with making the switch to 100% electric driving.

Nissan's EVs offer a variety of battery sizes which power different ranges. The 2023 ARIYA is available with two battery options - one 87 kWh and one 63 kWh. The ARIYA VENTURE+ 87 kWh battery version has an EPA estimated range of up to 304 miles.<sup>3</sup> The 2023 Nissan LEAF also offers two battery options with the larger 60 kWh battery offering an estimated EPA range of up to 212 miles on a single charge in the LEAF SV PLUS version. The LEAF's range is up to 149 miles with the standard 40 kWh battery in the LEAF S.<sup>4</sup>

Both vehicles offer Eco Mode - a feature that boosts the vehicle's already impressive efficiency. On downhills, use B-Mode to capture and convert braking energy into charge that's then returned to your battery.

For many electric vehicles, including select models of the Nissan ARIYA and LEAF, using a quick charge station can provide up to an 80% charge in under an hour.<sup>2</sup> However, several factors impact how fast an EV charges, including the type of charging station you're using, the vehicle's battery capacity and maximum charge rate, and even environmental factors like temperature.

Utilize a Level 1, Level 2, or Level 3 charger depending on where you are and what you need. Learn the difference between the three levels and how your ARIYA or LEAF can charge conveniently at home or on the go.<sup>2</sup>

In a pinch? Plug in to any 110-120-V 15-amp dedicated outlet for charging. Level 1 charging is exclusively for at-home use. Most electric vehicles, including the ARIYA and LEAF, include a Level 1 charging cable. These cables draw power from a common 120-V outlet, adding 2-5 miles of range per hour of charging.<sup>1</sup>

Level 2 chargers are utilized both in-home and at public charging stations. Professional installation is required for Level 2 home charging. These units draw power from a dedicated 240-V, 50 amp outlet, adding 10-25 miles of range per hour of charging. As a result, Level 2 charging requires much less time than Level 1 charging to charge an electric vehicle from empty to full.<sup>1</sup>

With Level 2 charging, the standard range 2023 ARIYA ENGAGE FWD can fully charge in 10.5 hours (up to 216-mile range); the extended range 2023 ARIYA VENTURE+ can fully charge in 14 hours (up to 304-mile range).<sup>1,3</sup>



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With Level 2 charging, the standard range 2023 Nissan LEAF S can fully charge in 7.5 hours at (up to a 149-mile range); the extended range 2023 Nissan LEAF SV PLUS can fully charge in 11 hours (up to a 212-mile range)<sup>1,4,6,7</sup>

There are thousands of 480-V public DC fast charging stations across the country. With Level 3 fast charging, the 2023 ARIYA can charge from 20-80% at the following rates:<sup>1</sup>

- 35 min 63 kWh battery; 130 kW fast charge<sup>1</sup>- 65 min 63 kWh battery; 50 kW fast charge<sup>1</sup>- 40 min 87 kWh battery; 130 kW fast charge<sup>1</sup>- 90 min 87 kWh battery; 50 kW fast charge<sup>1</sup>

An electric vehicle's battery capacity is typically determined by its size. In general, batteries with smaller capacities will take less time to charge, while batteries with larger capacities will take longer. However, increased capacity batteries provide more range and require fewer charges.

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