



Experience a new way to drive with e-POWER

What is e-POWER?

e-POWER is a 100% electric motor-driven system from Nissan that gives you the same high-performance driving experience as an all-electric car. It uses the EV technology perfected in the Nissan LEAF and adds an efficient, gasoline engine to charge the lightweight, lithium-ion battery pack when necessary.

How does e-POWER improve your daily drive?



Fuel efficiency without compromise

- For maximum fuel efficiency, the **onboard gasoline engine runs at an optimal speed to charge the battery pack** when needed.



Powerful, smooth acceleration

- With **precise electric motor control at fractions of a second**, e-POWER delivers powerful and smooth acceleration when you need it. **The electric motor's instant torque output and acceleration** performance helps you stay ahead of traffic.
- In high power demand situations, such as strong acceleration when entering the highway, **the gasoline engine and generator are used to keep the battery pack charged and can directly power the electric motor.**



A new level of excitement and control

- e-POWER allows you to **accelerate and decelerate your car using only the accelerator pedal** – pushing down to speed up and easing off to slow down.*
- e-POWER can decelerate the car **three times as fast as typical engine braking.**
- e-POWER makes **driving in slow moving traffic easier and less stressful.** It also lets you fully enjoy a spirited run on your favorite mountain road.
- When the car is decelerating, regenerative braking **charges the battery pack.**

* e-POWER offers drivers the ability to accelerate or slow down the vehicle to a low crawl speed using only the accelerator pedal. The driver needs to operate the brake pedal to come to a complete stop.



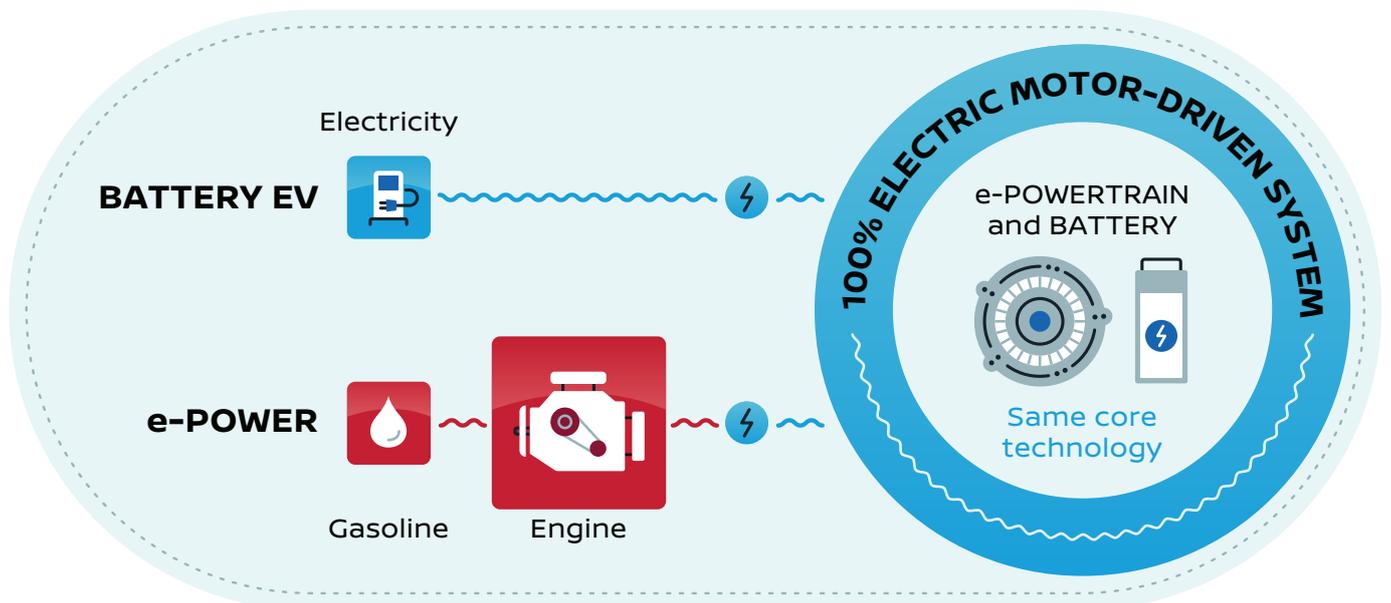
A quiet relaxing drive

- **Because it's powered by a battery pack, the e-POWER system is quieter than a traditional gasoline-powered car.** The system's gasoline engine charges the battery pack mainly at higher cruising speeds, when road noise helps mask its sound.

Technology perfected to transform your journey

e-POWER: an innovative EV-based system

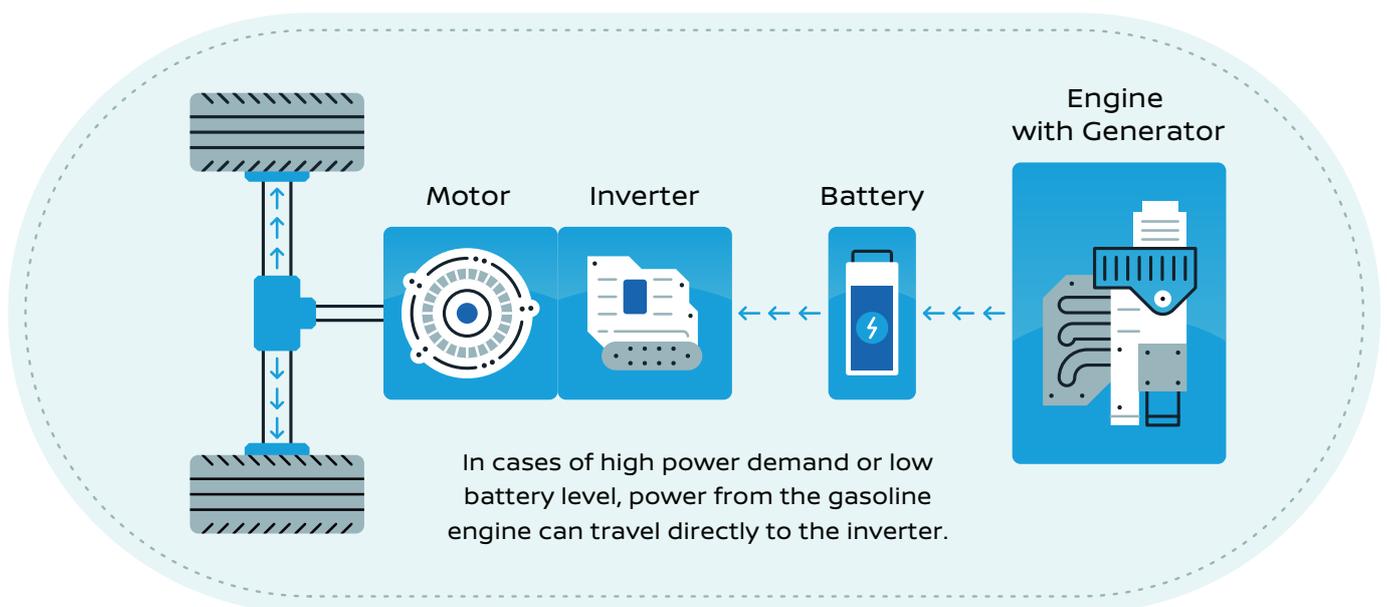
e-POWER was first introduced in Japan in 2016 with the Nissan Note. At its core is the same **100% electric motor-driven technology** used in the Nissan LEAF to deliver instant torque, power, efficiency and excitement.



Maximizing power efficiency and potential

Nissan's e-POWER system includes a **gasoline engine with a power generator, inverter, battery and an electric motor.**

The electric motor delivers power directly to the wheels, using energy stored in the battery pack. Used for charging the battery pack or powering the electric motor, the gasoline engine **eliminates the need for an EV charger.**



e-POWER: for a powerful, efficient, quiet and exciting drive