



بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ

ދިވެހި ސަރުކާރުގެ ޖުމްހޫރިއްޔާ  
Advance Ruling

މާލިއްޔާ ސަރުކާރުގެ ޖުމްހޫރިއްޔާ  
Maldives Customs Service

AR-003/2019

ރިފަރެންސް ނަންބަރު :  
Reference Number

e-Power Electric Car (NISSAN Note HE12)			
-	މާލުގެ ޖަދުވަލު : Origin of the good	0%	ދަރަޖަ ބަލަންދު : Duty Rate
31/12/2022	މާލުގެ ނިންމާލު ދުވަހު : End Date	8703401200	31/12/2019

މާލުގެ ނަންބަރު :  
Product Name  
މާލުގެ ޖަދުވަލު :  
Classification of the good  
ނިންމާލު ދުވަހު :  
Effective Date

e-Power Electric Car (NISSAN Note HE12)  
According to the information submitted by the importer, this car from Nissan Motor Company of Japan uses the e-Power System having full electric drive. Hence wheels are completely driven the electric motor. It consists of a high output battery and the powertrain which is integrated with gasoline engine, power generator, inverter and a motor.  
Unlike Conventional Hybrid Cars, in e-power system, the gasoline engine is not connected to the wheels; it simply charges the battery. Therefore, the power source is the engine rather than just battery. Details of the product is attached.

މާލުގެ ބަނޑު :  
Description of the good

Goods are classified according to Harmonized System in accordance with the General Interpretative Rules(GIR) and the duty rate is determined according to the Export Import Law 31/79.  
The stated product uses e-power technology which consists of a high output battery and the powertrain which is integrated with gasoline engine, power generator, inverter and a motor. Unlike the full electric vehicle, e-POWER adds a gasoline engine to charge the high-output battery when necessary, eliminating the need for an external charger while offering the same high-output. Therefore, this vehicle could be considered as a series hybrid vehicle.  
Since this is a series hybrid vehicle designed for the transport of persons, the applicable HS code for the " Nissan e-power electric vehicle" is 8703401200. The rate of duty will be 0% ad valorem.

ސަރުކާރުގެ ބަނޑު :  
Explanation of the decision

މި ނިންމާލު ސަރުކާރުގެ ޖުމްހޫރިއްޔާގެ ސަރުކާރުގެ ނިންމާލު (2019/U-002) ގެ ދަށުން ނިންމާލު ވާނެ ގޮތަށް 3 އަހަރު ދުވަހުގެ ތެރޭގައި ޖަދުވަލުގެ ދަށުން ނިންމާލު ވާނެ ގޮތަށް ނިންމާލެވިފައި ވެއެވެ.  
This Advance ruling is based on the following materials and shall be valid up to 3 years from the effective date as stipulated in the customs procedure 2019/U-002

Internet Information	<input checked="" type="checkbox"/>	ފޮޓޯގްރާފީ	<input type="checkbox"/>	ސާމްޕަލް	<input type="checkbox"/>	ފޮޓޯގްރާފީ	<input type="checkbox"/>	މާލުގެ ބަނޑު	<input checked="" type="checkbox"/>
	Other		Brochures		Sample		Photograph		Description

## Nissan e-Power System

e-POWER delivers a responsive drive with smooth acceleration like an EV.

- The e-POWER system allows you to enjoy all the benefits of an EV without having to worry about charging the battery.
- e-POWER delivers massive torque almost instantly, which enhances drive response and results in smooth acceleration. Also, the system operates very quietly, much like a full EV.
- Because e-POWER can drive engine at most efficient point, its fuel efficiency is comparable to that of leading conventional hybrids, especially during around-the-town commutes.

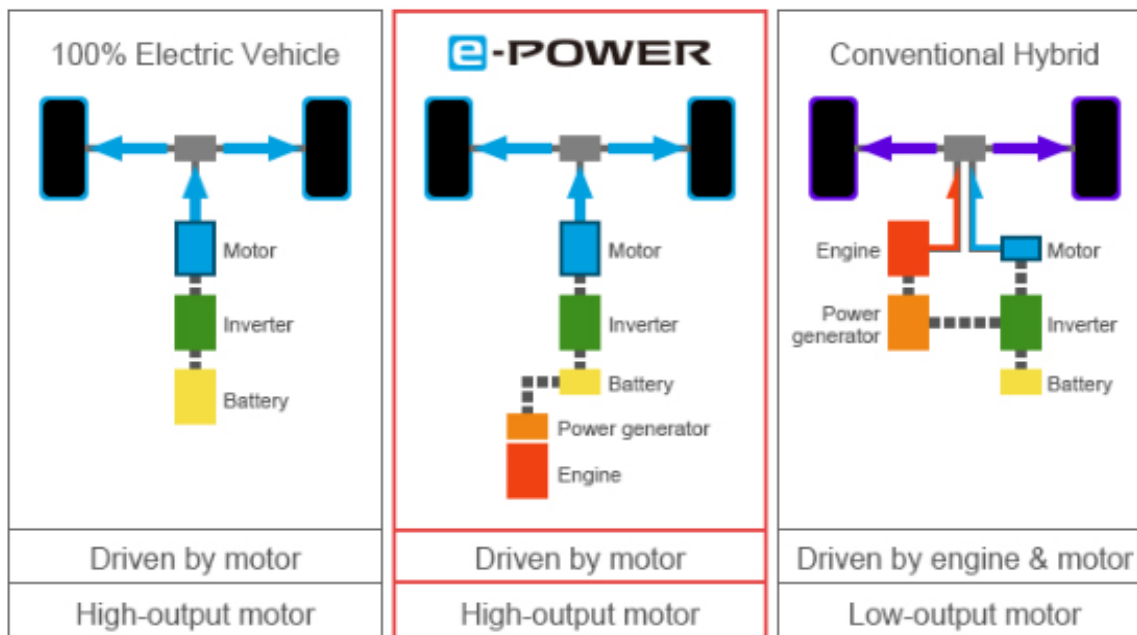
### Technology Functionality

e-POWER borrows from the EV technology perfected in the Nissan LEAF, adding a gasoline engine to charge the high-output battery when necessary. This eliminates the need for an external charger, while offering the same high output as an EV.



### The Technology of e-POWER

The e-POWER system offers full electric motor drive, meaning that the wheels are completely driven by the electric motor. e-POWER is comprised of a high-output battery and the powertrain which is integrated with gasoline engine, power generator, inverter and a motor. In conventional hybrid systems, the wheels are driven by an electric motor and a gasoline engine. However, in the e-POWER system, the gasoline engine is not connected to the wheels; it simply charges the battery. And unlike a full EV, the power source is the engine, rather than just the battery.



This system structure generally requires a bigger motor because the motor is the only direct source to drive wheels. This has made it hard for the automotive industry to mount the system in compact cars. However, Nissan has cracked the code and learned how to minimize and reduce weight, develop more responsive motor control methods and optimize energy management. As a result, e-POWER uses a smaller battery than the LEAF, but delivers the same driving experience as a full EV.