

**EDISON MOTORS**

**NEW eFIBIRD**

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**NEW eFIBIRD**

**EDISON MOTORS**



Eco-friendly electric bus that cares about the people and the environment!  
World class performance and futuristic design.  
Affordable New e-FIBIRD!

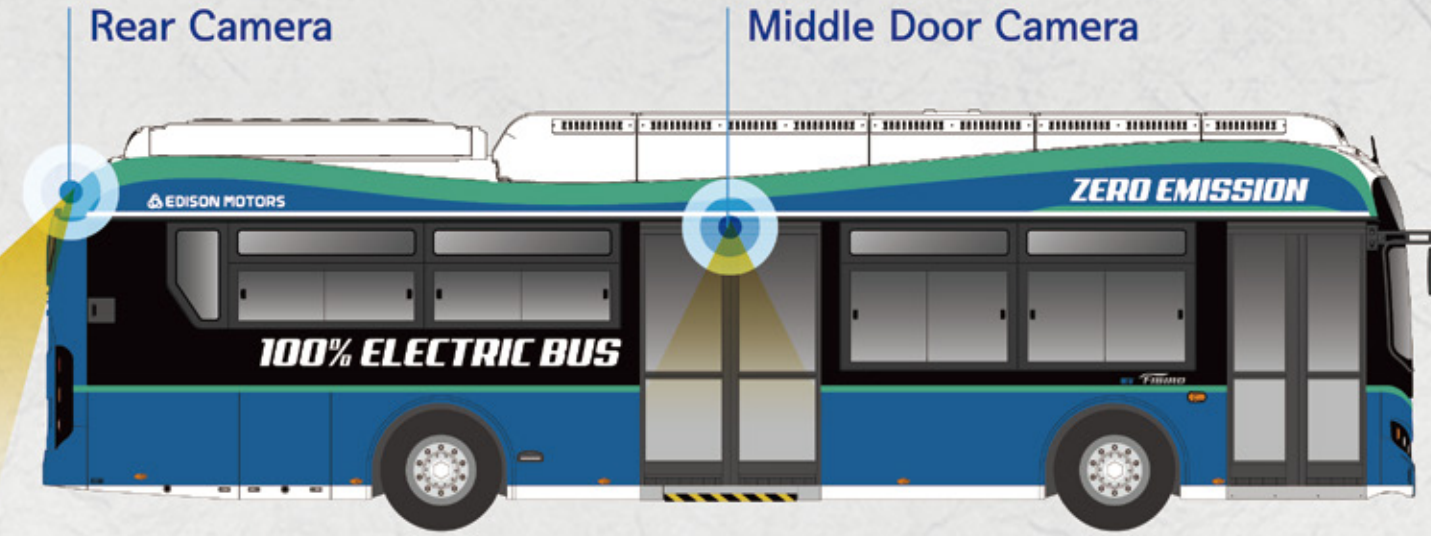
Edison Motors makes the best quality electric vehicles with outstanding design that customers have been looking for.



# DRIVER

Steering mechanism and comfort seat for maximum comfort in driving!

Dashboard equipped with new ergonomic layout!



Sub display 7inch LCD Display / Middle door camera and rear camera view for passenger safety



Monitoring system with Meta Cluster  
7inch LCD Display / Vehicle's Real-Time Operational Information Control



Safety partition/ Comfort seat  
Partition and comfort seat for comfortable driving condition



Spacious legroom / New interface  
Spacious legroom allows the driver to rest legs with more comfort

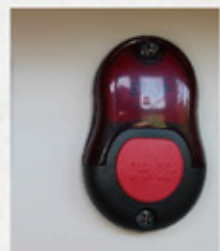


# PASSENGER

Enjoy the convenience of the New e-FIBIRD, which is designed paying close attention to safety and comfort of the passengers.



Hand rail



Call buzzer



Air nozzle



USB Charging port



LED indoor lights



Getting on and getting off the bus light indicator



Passenger luggage rack



Passenger seat expansion after middle door  
Maximum number of passenger seats compared to other vehicles of the same class



Enhanced passenger comfort  
Hiprest and USB charging port



Ergonomic seat/mat design  
Improved customer satisfaction using comfortable materials

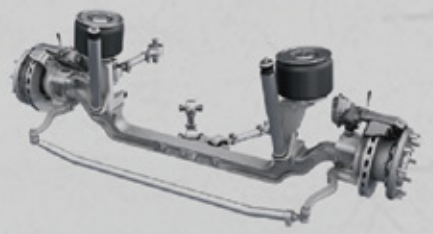
# PERFORMANCE

## 320kW PEM motor with highest efficiency in its class

New e-FIBIRD equipped with 435HP and 320kW PEM motor boasts on its power which is 1.5 times more than that of a CNG bus with 290HP.



## ZF Front Axle



## ZF Rear Axle



## Battery Pack with Smart BMS

3rd generation BMS dramatically improved battery performance and battery life by maintaining a balance (Smart Balancing) through active battery monitoring, status assessment and smart management.

### 3rd Generation Smart BMS

Smart Management for improving the battery performance and battery life

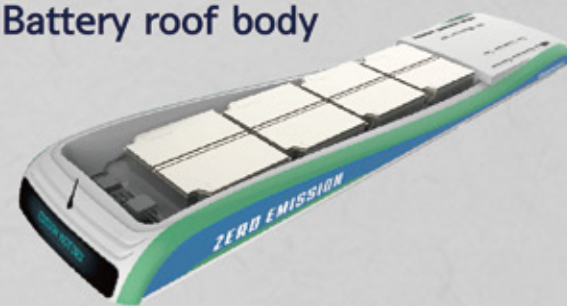
1. Voltage, current, and temperature measurement
2. Smart Balancing
3. Smart SOC, SOH measurement
4. Reinforced Functional Safety
5. Smart Battery Management

### Smart Management

### 3rd Generation Smart BMS

Battery management system improves battery performance and service life through smart algorithm based on vehicle operation pattern analysis and battery status data

## 4Pack(272kWh) Battery roof body



## High Energy Li-ion Battery Pack

STANDARD : 204kWh(3Pack)  
OPTION : 272kWh(4Pack)



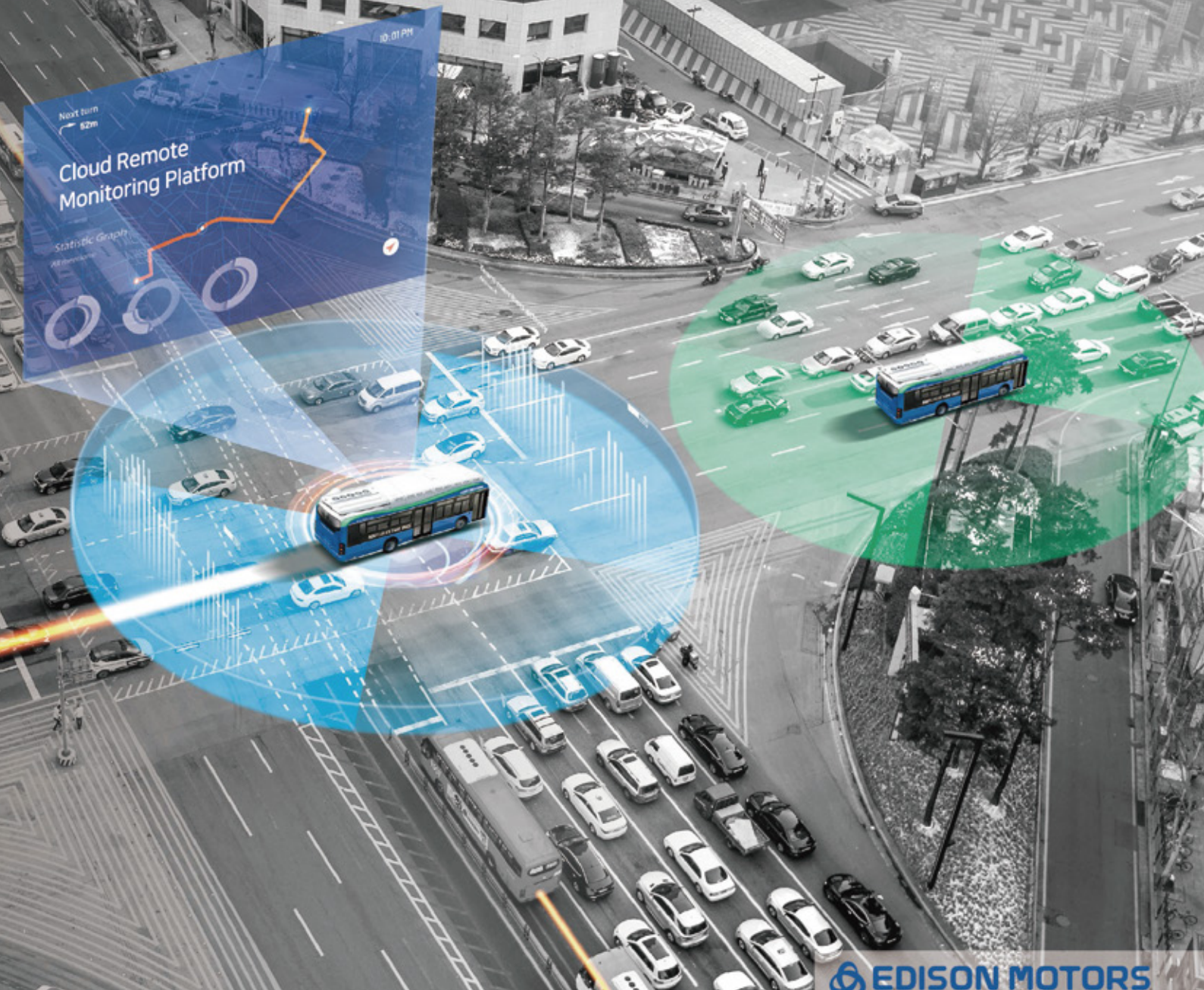
# Cloud Platform

New e-FIBIRD



Cloud

Integrated Vehicle Information Control System



# TECHNOLOGY

Equipped with a real-time remote monitoring system, it is possible to continuously enhance the features and support new services even after the vehicle is dispatched.



Integrated vehicle information control system screen



Vehicle driving route control system screen



Integrated Control Room Big Data Management

## TMS (Total Management System)

\* Selecting the OPTIONAL specification

<p>Intelligent charger management solution</p>	<ol style="list-style-type: none"> <li>1. Real time monitoring of charging time</li> <li>2. Voltage and current monitoring</li> <li>3. Charging monitoring</li> <li>4. Other charging information monitoring</li> </ol>	<p>Vehicle information monitoring system</p>	<ol style="list-style-type: none"> <li>1. Battery usage history record</li> <li>2. Vehicle driving pattern analysis</li> <li>3. Battery status analysis</li> <li>4. Smart SOC, SOH Algorithm</li> <li>5. Recognition and response to signs of failure</li> <li>6. Remote Update and inspection</li> </ol>
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# MAINTENANCE

Front, side and rear maintenance doors have been installed in such a way that allows quick lamp, filter change and engine room maintenance and the optimum heat emission system is applied to maximize cooling efficiency.

Side Maintenance Door



Front Maintenance Door



Side Maintenance Door



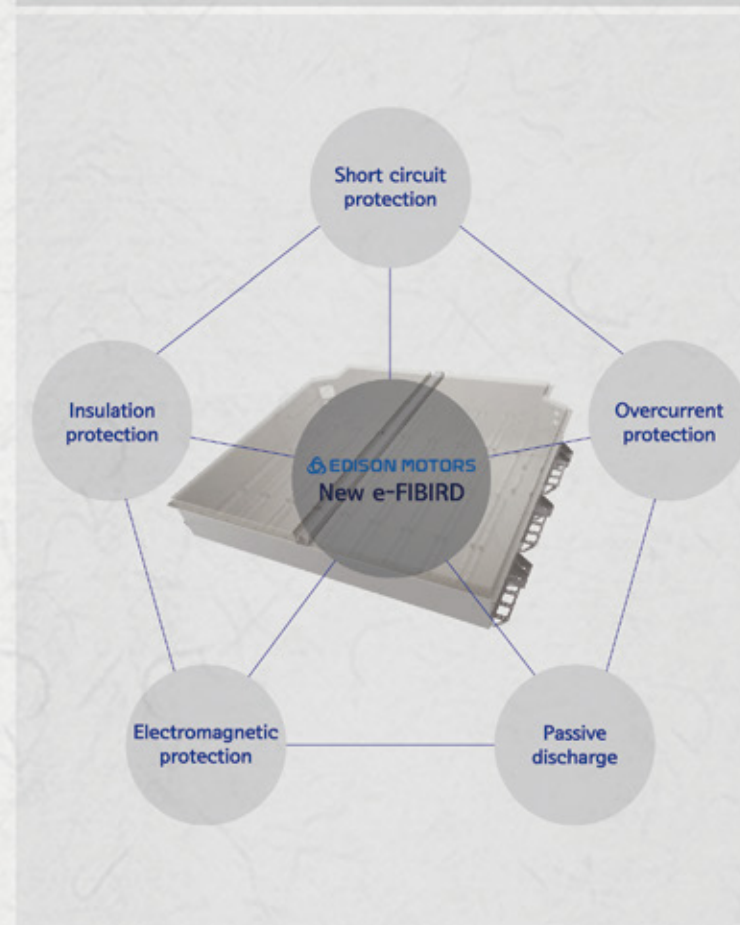
Engine room Maintenance Door



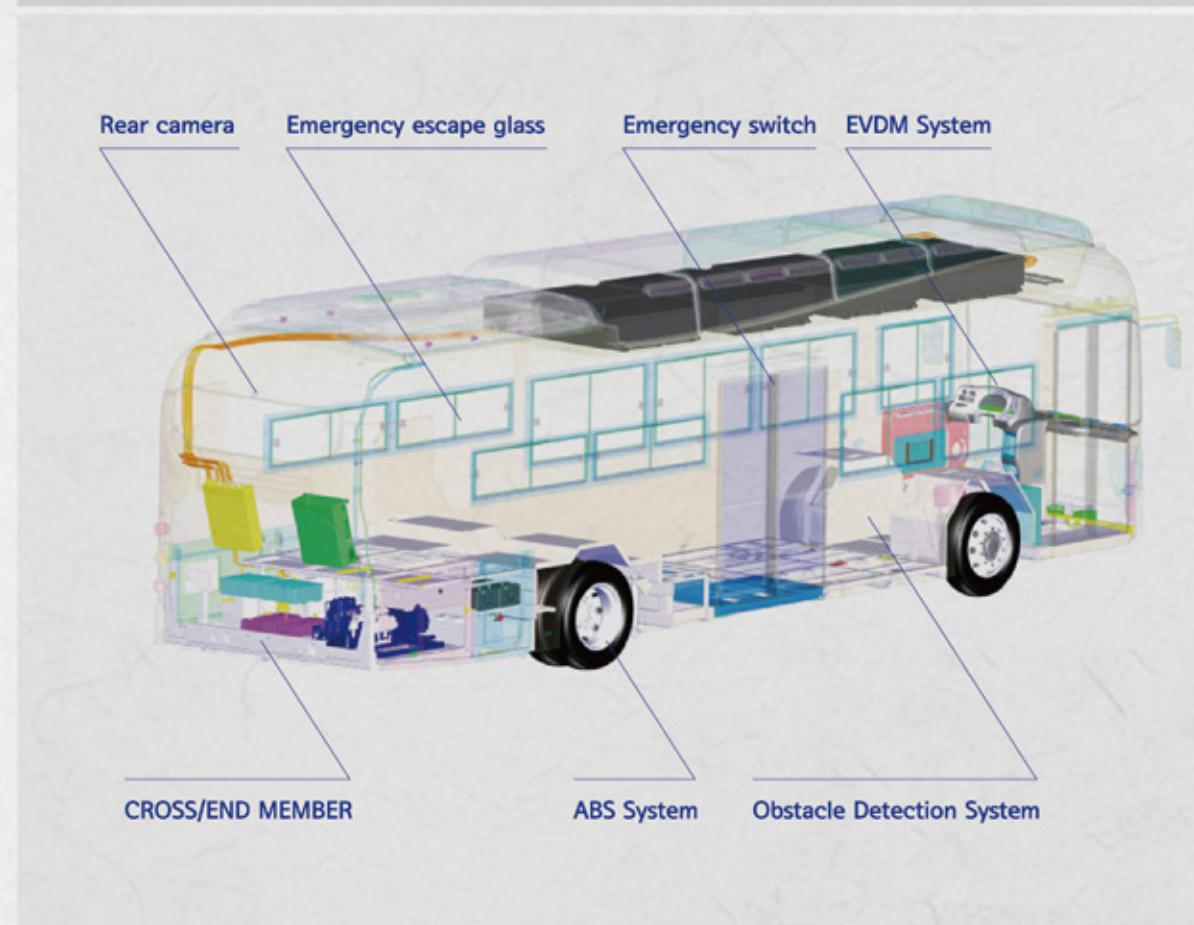
# SAFETY SYSTEM

New e-FIBIRD equipped with composite material(CFRP) body and proven safety design! Best-in-class eco-friendly low floor electric bus that puts passenger safety in the first place.

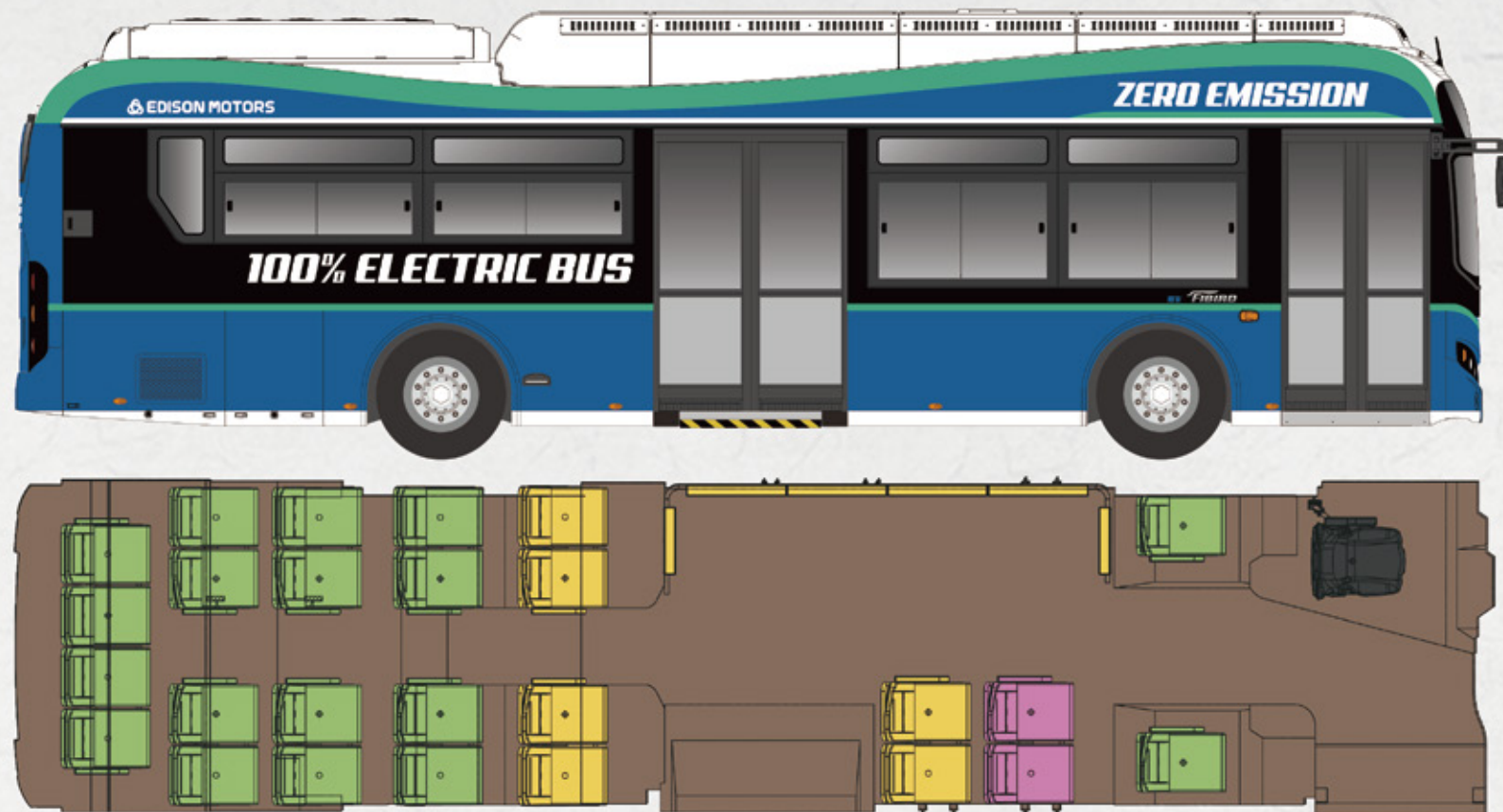
Battery safety system



Vehicle safety system



# SPEC



Item	Passenger capacity	Body	Vehicle Weight	Motor	Battery	Suspension	Tire
<b>3Pack</b> (204kWh)  Low floor electric City Bus	26 + 19 + 1 = 46	Length 10,990mm	14,710kg	High Efficiency PEM Motor	Battery Cell - Li-ion Capacity per pack - 68kWh Pack Configuration - 204kWh(3Pack) Driving distance per full charge : 261.2km	Wide Air Suspension	275 / 70R22.5-18PR
		Width 2,495mm					
<b>4Pack</b> (272kWh)		Height 3,390mm	15,360kg	Type: Permanent Magnetic Type  Battery Cell - Li-ion Capacity per pack - 68kWh Pack Configuration - 272kWh(4Pack) Driving distance per full charge : 378km	Output : 320kW/435ps		
		Wheelbase 5,400mm				Wheel Tread(Front) 2,115mm	Wheel Tread(Rear) 1,855mm

# Service Network providing AS for 24/365

Edison is dedicated to provide high quality service to ensure customer satisfaction

Category	Company Name	Address	Contact
Headquarter & Office	Seoul Sales Dep / Central Branch	#1007, 220 Yeongsin-ro, Yeongdeungpo-gu, Seoul, 07228 Korea	+82 2 6954 3401
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	Seoul After Service Center	#05832 Seoul Songpa-gu 38-gil (Ogeum-dong)	+82 2 6954 3401
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	Busan Sales Dep / Southern Branch	3F, 14, Cheyukgongwon-ro 29beon-gil, Geumjeong-gu, Busan, 46251 Korea	+82 51 714 1272
	Jeju Sales Dep / Southern Branch	17-12, Tosang-ro 20beon-gil, Seogwipo-si, Jeju-do, 63603, Republic of Korea	+82 64 803 0961
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	HANKAWANG TRADING	54, Dalseong-ro 21-gil, Jung-gu, Daegu, Republic of Korea	+82 55 555 9976
	DAELIM CORPORATION	181, Gyeongyang-ro, Buk-gu, Gwangju, Republic of Korea	+82 62 525 1110
	DONGSEO EDISON	176, Topyeong-dong, Seogwipo-si, Jeju-do, Republic of Korea	+82 64 732 4934
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