

NV GOTION COMPANY LIMITED

NUOVO **51%**

Battery Technology

49%

NV Gotion Co., Ltd. (Thailand)

NV Gotion Co., Ltd. was established and plant operated in 2023. The factory has full capacity 4 GWh within 2024.

Production line :

- Cell to Module to Pack assembly line
- Cell to Pack (CTP) assembly line

Plant expansion :

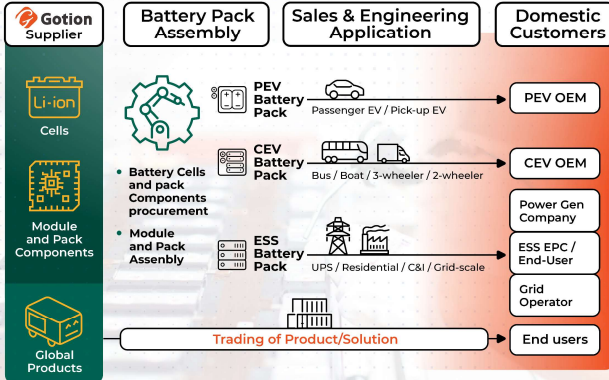
- Commercial Electric Vehicle (EV) line
- ESS line



BUSINESS SCOPE



DESIGN, DEVELOP, VALIDATE, MANUFACTURE, SUPPLY AND AFTER SALE SERVICE OF BATTERY PACKS



OUR PRODUCTS

Production Line



Battery Module



Battery Pack

Finish Product



All-In-One



ESS Container

CERTIFICATION

Local content certified by



Freezone approved by



(TO BE OBTAINED)



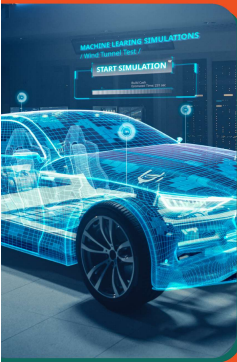
ELECTRIC VEHICLE : EV PRODUCTS

Battery Cell Specification



Chemistry	LFP	LFP	LFP	LFP
Dimension (mm)	52.3x118.6x148	45x300x103	54.2x174x205.03	45x300x103
Voltage (V)	3.2	3.2	3.2	3.2
Capacity (Ah)	106	173	106	173
Energy density (Wh/kg)	179	180	180	182
Weight (g)	1,900	3,050	4,150	6,045
Life Cycle (Cycle)	>3,000	>3,000	>4,000	>4,000

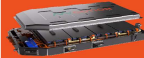
Passenger Vehicles : Customize products



Sample product

Module to Pack

Cell to Pack



Dimension (mm)

1,636x910x145

201x1,066x147.6

Voltage (V)

280~408.8

250~365

Capacity (Ah)

106

173

Life Cycle (cycle)

3,000

3,000

Weight (kg)

283

385

Commercial Vehicles : Standard products

Bus/medium and heavy truck products

	GXB5	GXB6
Dimension (mm)	1,060 X 630 X 250	1,150 X 630 X 240
Energy density (Wh/kg)	155	160
Life cycle (cycle)	3,000	4,000
Thermal management	Liquid cooling, Air cooling	Liquid cooling
Continuous charge/discharge	1C/1C	1C/1C
IP rating	IP68	IP68
LFP Type cell	340Ah 230Ah	340Ah 230Ah
Cell platform	1P33S/1P30S 1P48S	1P33S/1P30S 1P48S

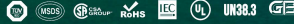
ENERGY STORAGE SYSTEM : ESS PRODUCTS

GOTION
ប្រម៉ា ឈើដំ កែវប្រ ទាំវារ

Cell to Pack to Container



- ✓ High Energy Density
- ✓ Large Capacity
- ✓ Intelligent Temperature Control



All-in-One Outdoor Carbinet



135, 147, 160 kWh / 67-75 kW
210, 230, 251 kWh / 100, 100, 125 kW

- ➊ **Built-in PCS**
- ➋ **Modular System Configurations**
- ➌ **Compact and high-energy density**
- ➍ **Wide range to energy and power**

ESS Container Product



3,421 kWh / 1,710 kW **4,608 kWh / 2,003 kW**
5,068 kWh / 2,534 kW

- ➊ **High System Energy Density**
- ➋ **Customization Pack**
- ➌ **High Space Utilization**
- ➍ **BMS Integrated Development**
- ➎ **Low Cost and Less Covering Area**

Eplvs : Smart Mobile Charger



Product Specification

Max Capacity (kWh)	184
Max Voltage (V)	614.4
Nominal Voltage (Ah)	300
Output Power (kW)	60
Dimension (mm.)	2,100 x 1,060 x 1,445
Weight (kg.)	2,100
Maximum Speed (km./h)	4
Maximum Climbing Degree (°)	8
Protection Level	IP54
Ambient Temperature (°C)	-20 °C - 50 °C
Rated Input Voltage (V)	DC 480V - 700.8V AC 260V - 530V
Rated Output Voltage (V)	DC 750V Max DC 200V - 750V
Maximum Output Current (A)	DC 150 A Max



Gendome Home 3000 : Smart Portable Power Station



Product Specification

Capacity (Wh)	3,072
Output (W)	AC Output (XS): 3,000W (Total), 6,000W (Surge) USB-C Ports (X2): 140W USB-A Ports (X4): 18W Max Cigarette Lighter Port (X1): 120W Max RV Port (X1): 360W DC5521 Port (X2): 36W Max Wireless Outputs (X2): 15W Max
Input (W)	AC Charging: 1,500W Max Solar Charging: 1,500W Max Wind Charging: 200W Max
Dimension (mm.)	230 x 560 x 543
Weight (kg.)	38
Cell Chemistry	EV Grade LifePO4 (LFP)
Life Cycle (Cycles)	2,500 Cycles (50% > 80%), 6,500 Cycles (Max)
Certifications	CE, RoHS, WEEE, FCC, UL, UN38.3, METI, PSE
Protection/OTA Update, S Level	IP20
Other Features	Bluetooth, WIFI, Gendome App, Amazon Alexa and Google Nest, Combined with Gendome Solar 200 Light

