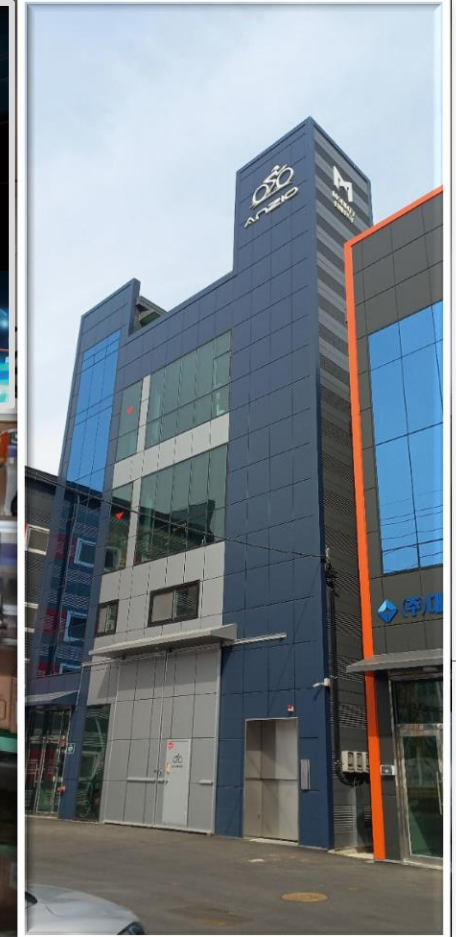


■ ESS(Energy Storage System) Power storage device, power conversion device, and operation system



Business Plan

ANTI FIRE SOLUTION INTRO BIZ
BATTERY ESS BIZ

MOBILITY ENERGY

What we need to do in the future

Competitive Advantage Technology - Explosion Proof Coating Technology



안전성 향상 Improved safety

The special application technology that combines bulletproof materials and fire extinguishing materials has greatly increased the safety of the battery



고성능 배터리 a high-performance battery

High-power 3C lithium-ion polymer batteries are used to maximize performance.



자체 제작 인버터 Self-built Inverters

We have self-manufactured and introduced high-power industrial inverters made in Korea.



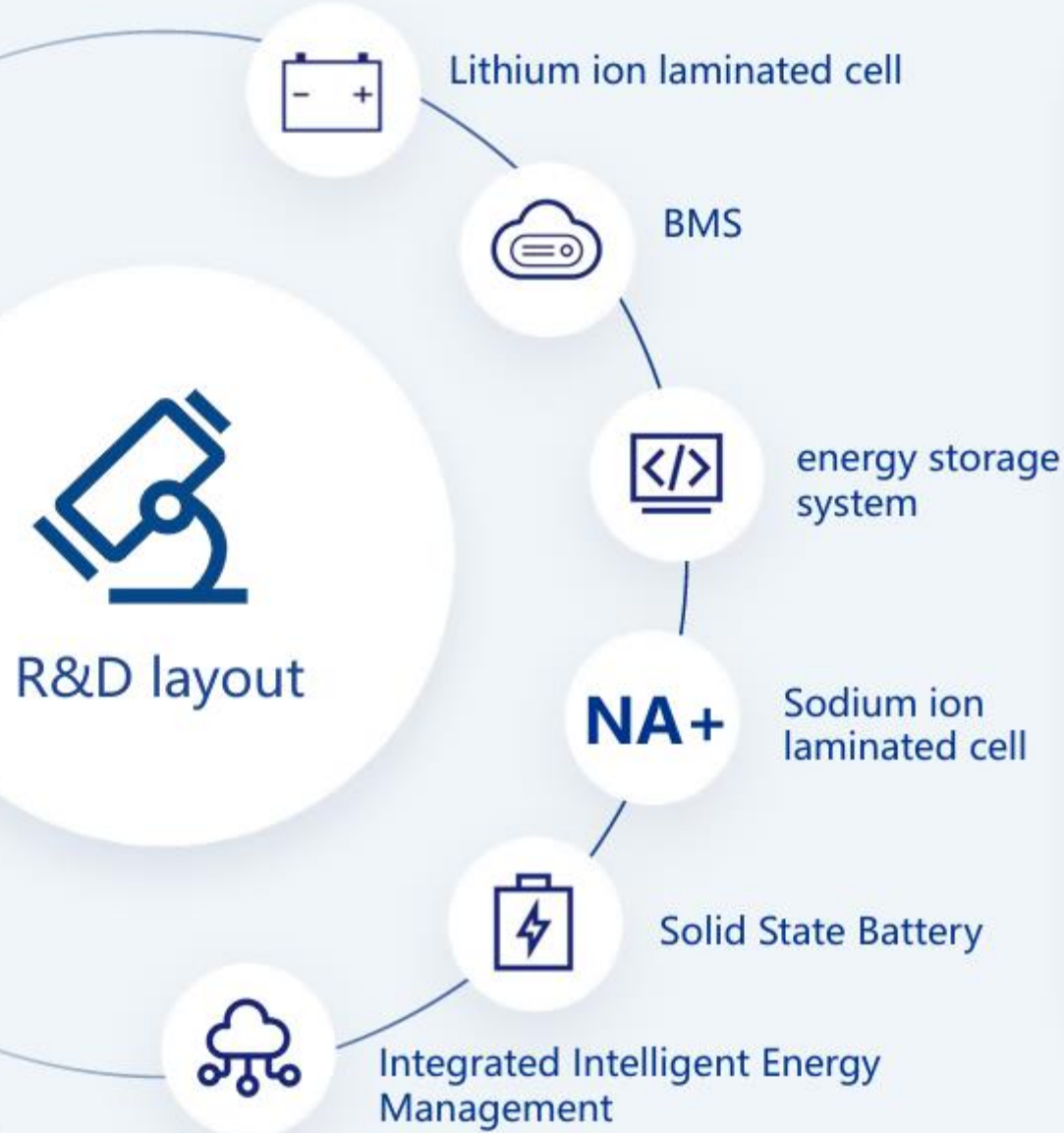
What we need to do in the future

5 INNOVATIONS

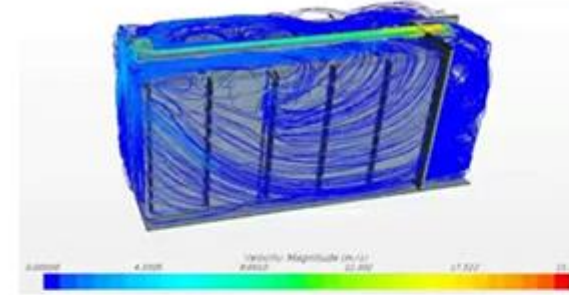


Development of new concept power bank ESS
that goes beyond the limits of existing products based on various innovations

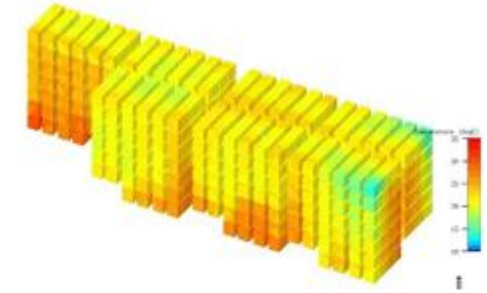
R&D Layout



- **Highly integrated design: system-level research and development, modeling, simulation, and design.**



System temperature control



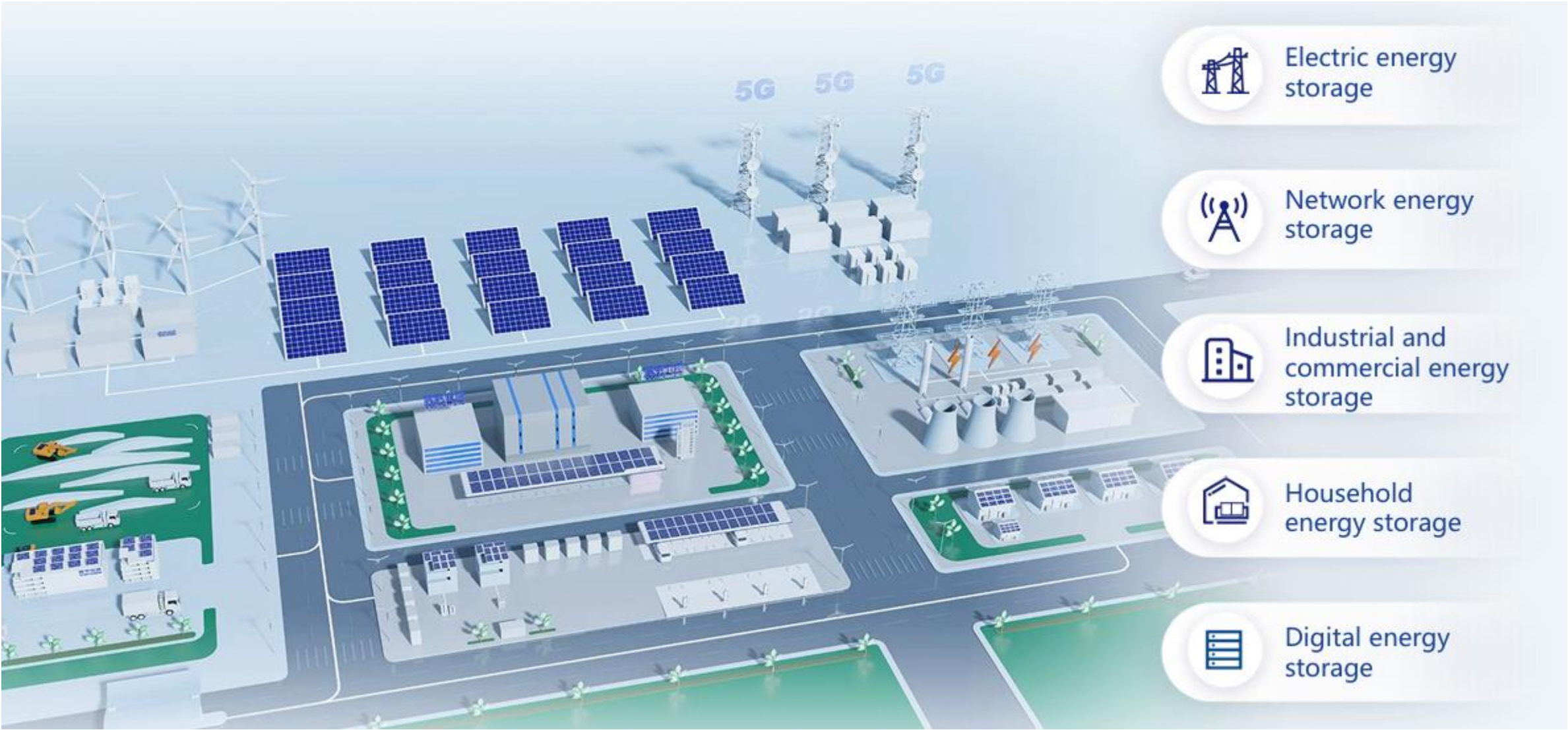
System thermal simulation



Battery cluster integration



System integration



Energy Storage for Telecommunication Base Stations

8V20-150Ah product series

Suitable for outdoor marginal stations, distributed base stations, indoor macro base stations, microcellular base stations, and lead-acid to lithium battery conversions for both new and old base station energy storage across all categories of communication base station sites.



Energy Storage for Data Centers

5-15mins 6Cproduct series

30-60mins 1C-2Cproduct series

60+mins 1Cproduct series

Suitable for all categories of data center energy storage.



Household+ Portable Energy Storage

Household Energy Storage Series. Portable Power Series

Suitable for home green energy.



BATTERY BIZ

MOBILITY ENERGY - POWER INDUSTRIAL



What we need to do in the future

Product line-up by capacity expansion with standard packer

Battery pack that doesn't explode!

| 3k~10kWh

- Industrial (construction site equipment (welding, air compressors, etc.)
- mobile communication repeaters, etc.)
- Individual household (solar power generation, air conditioning, etc.)
- Mobile EV Charging



| 30k~ 800kWh

- Vehicle-portable
- ESS (EV, driveway, campsite, performance hall, ambulance, etc.) Residential ESS (for peak strategy distribution)
- Renewable energy linkage (solar power generation, wind power generation, etc.)



| M/GWh 급 ESS

- For power plants (frequency regulation) For large factories (Peak Power Distribution)

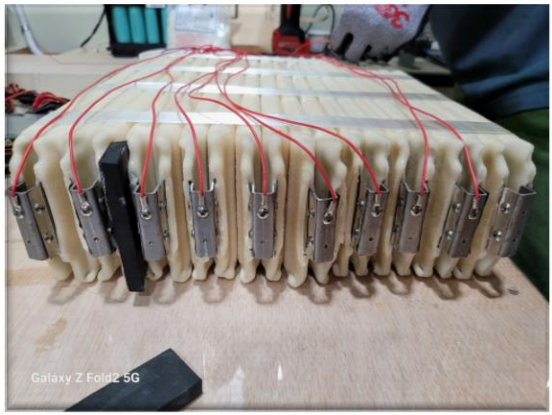


Reusable circulation use case after application of spent (new) battery explosion proof for vehicle (personal mobility electric motorcycle)

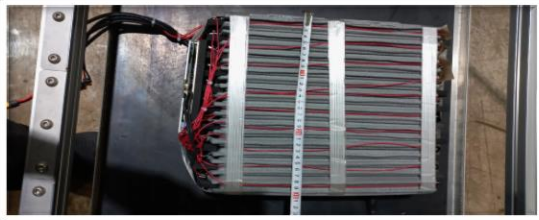


Vehicle battery pack detached and repackaged modularization

First Explosion Proof Pack Work



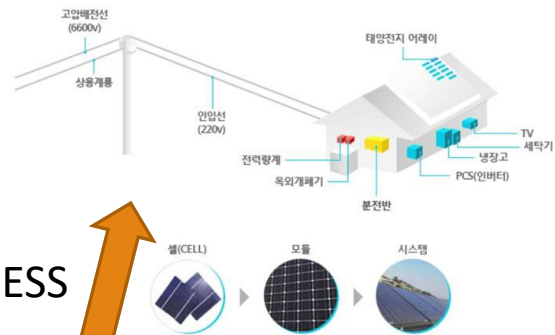
After application treatment wide 30cm



Length remains the same Size

Secondary processing industrial use Battery a generator

BATTERY (ESS) & solar panel



High Capacity Battery Generator for Construction Site Use

welding machine/ electric drill/ water machine/ cleaner/ air pump

election vehicle campaign / agricultural / civil engineering site
Broadcasting vehicles / food trucks /

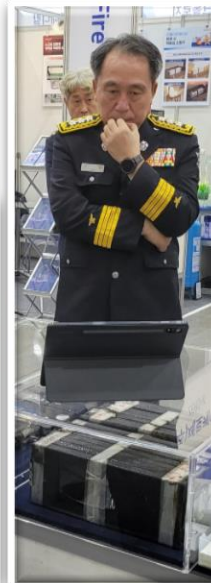
방폭 배터리 현장 사용 삼성 자율 점검 안전 인증 자료

Used in Samsung semiconductor plant site.

Samsung Engineering Headquarters Safety Use Authorization Sticker

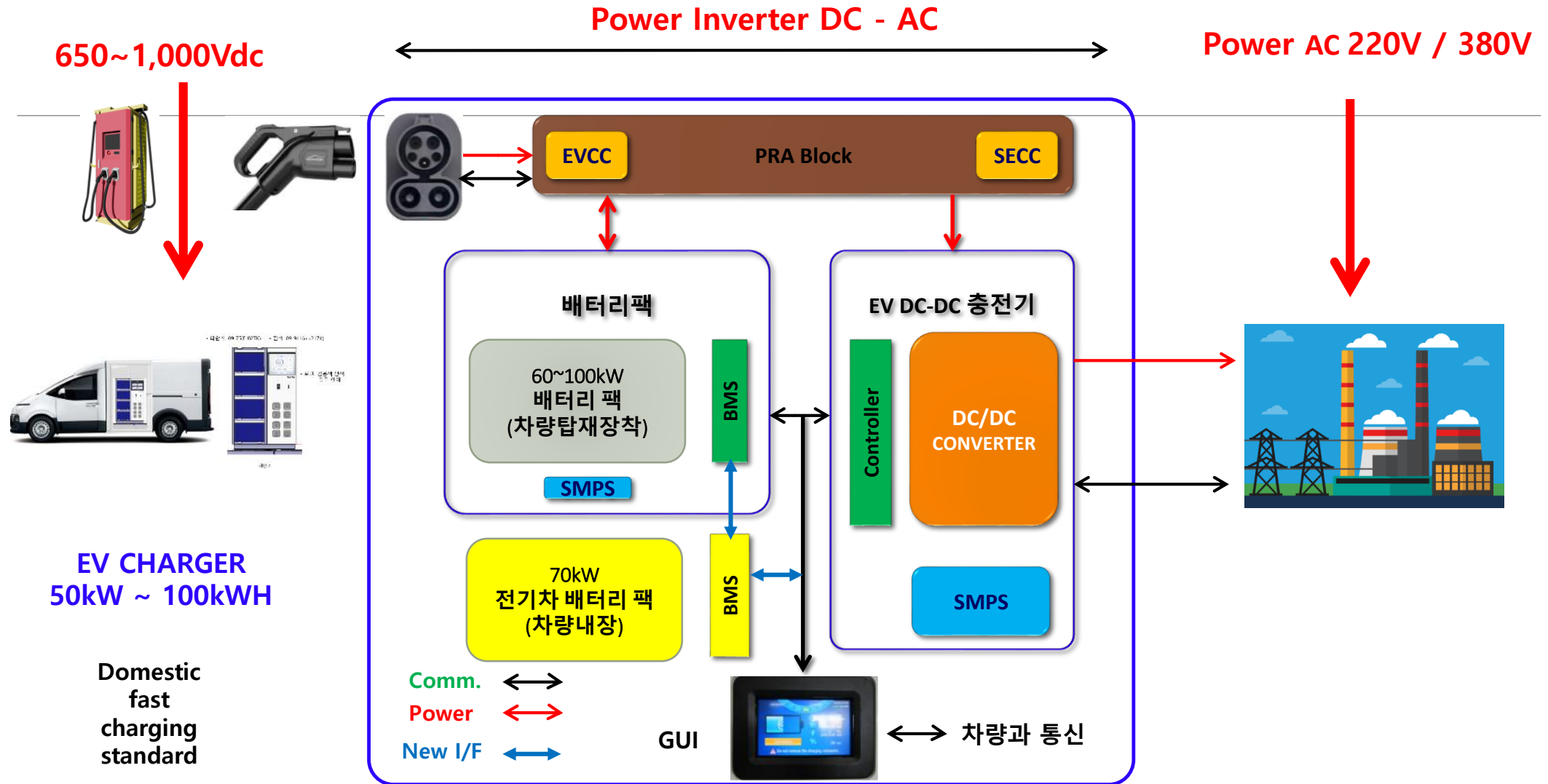


Samsung Engineering Headquarters Sample Exhibition (July 24-28, 2023) / 2023 International Fire Fair Fire Department Plasma Cutting Demonstration



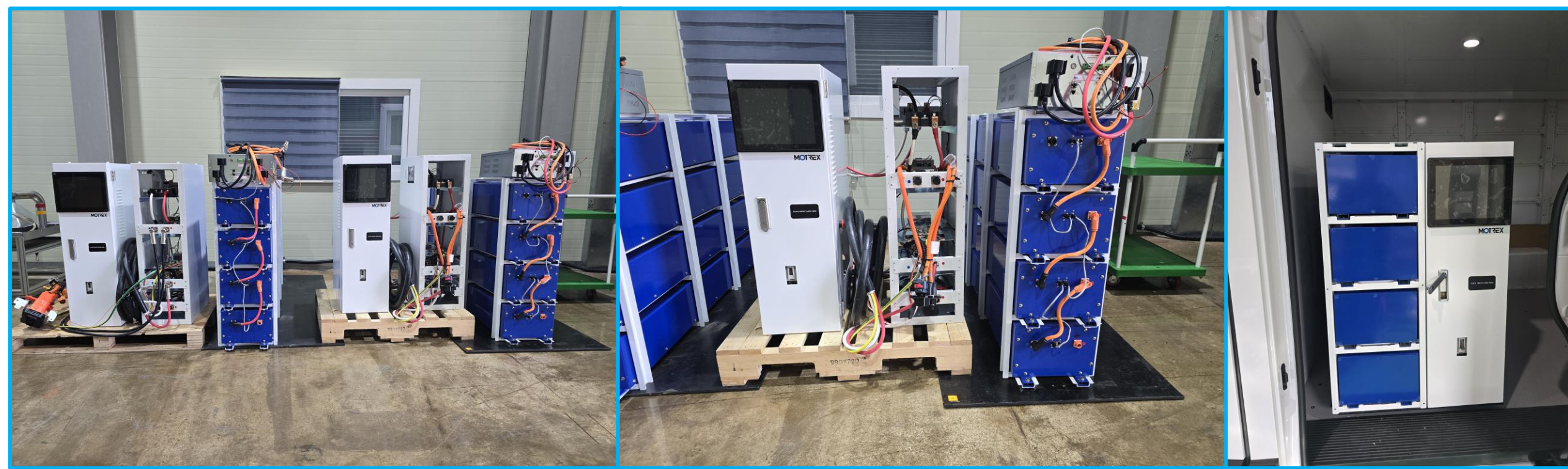
What we need to do in the future

Safe battery pack mobile charging station & RE100 power supply (dual use)

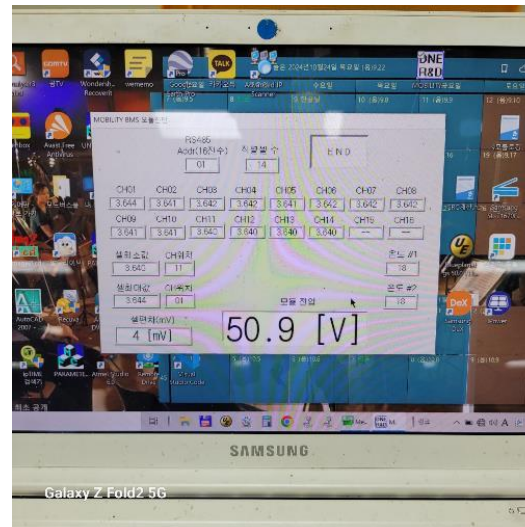
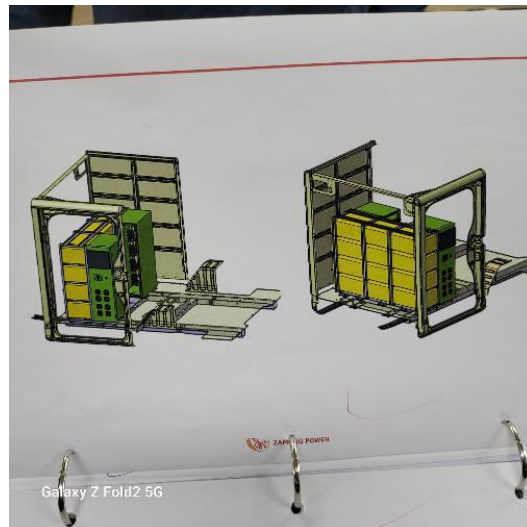
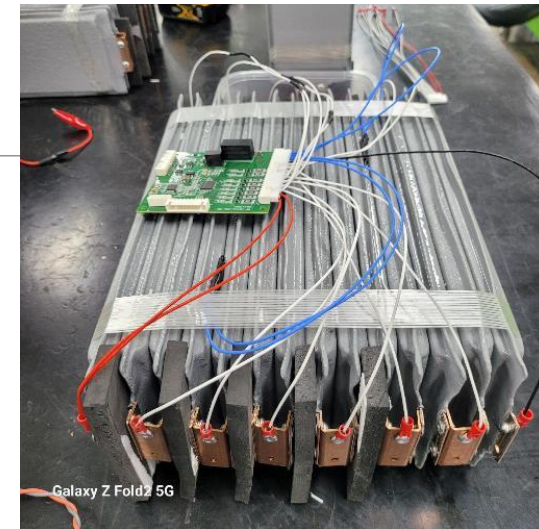


Safe battery pack mobile charging station
& RE100 power supply (dual use) 50KW ~ 100KW

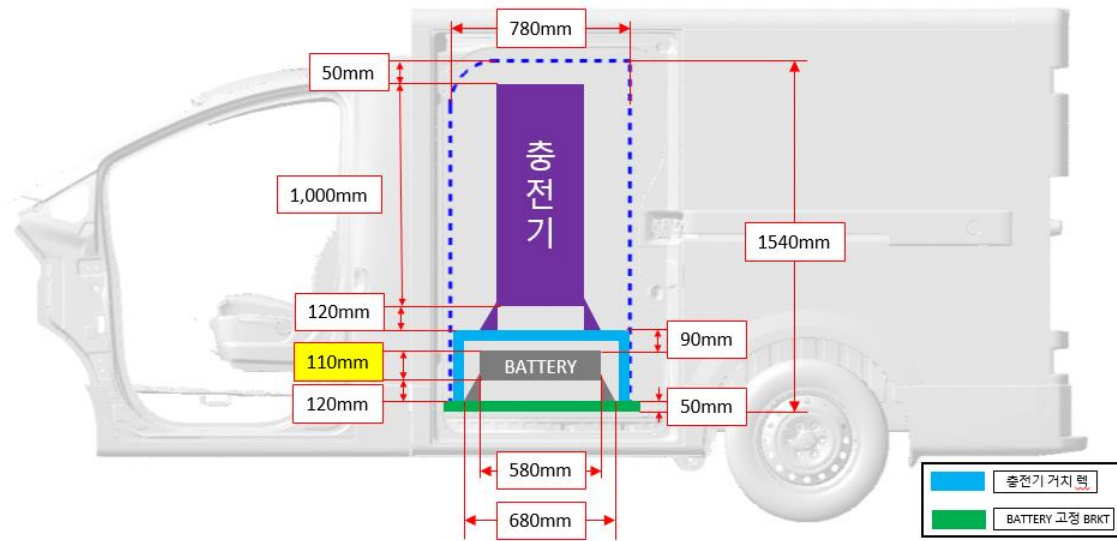
MODULE PACK EXTRA 50KW *20 SET = 1MK



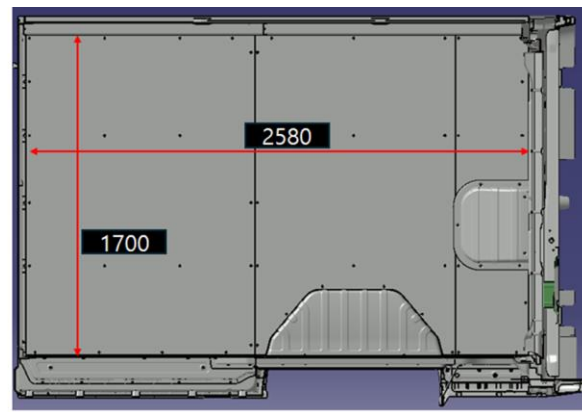
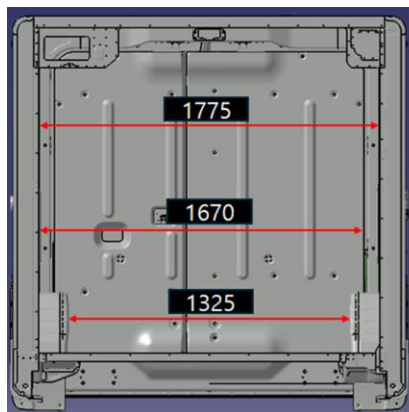
Hyundai Mobile Vehicle Charger Non-Burst Battery Development and Supply Contract



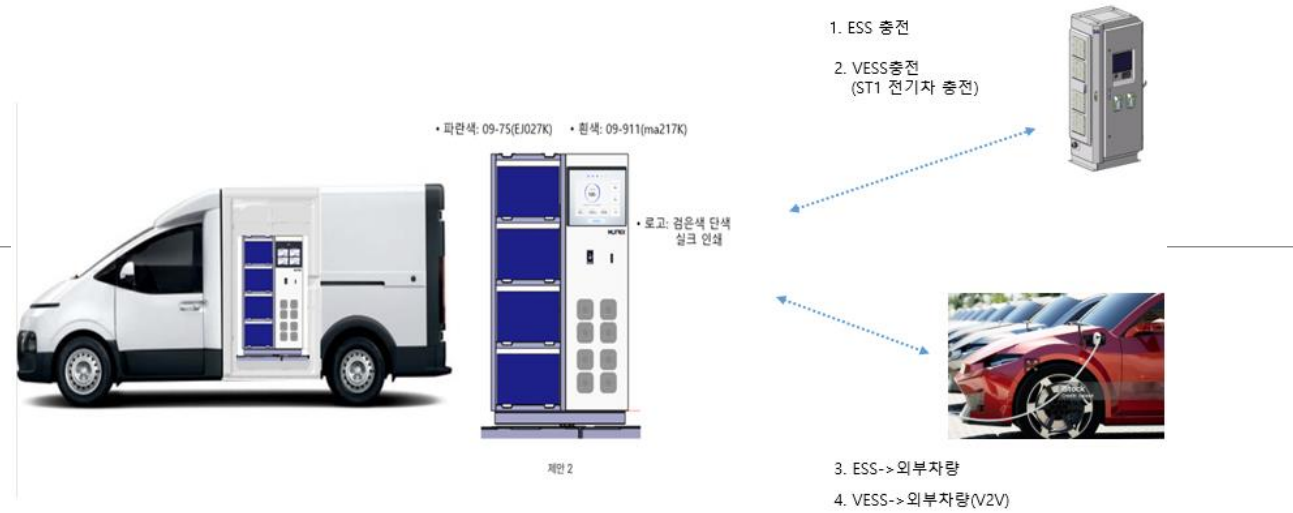
ST1 MOBILITY FAST CHARGING & OTHER SERVICES PLAN - LAYOUT



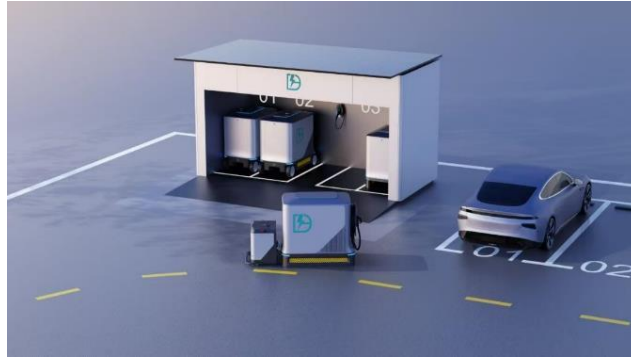
- 충전기 높이 : 1000mm 고정 (MTG BRKT 제외)
- 적재 가능 배터리 팩 최대 SIZE : 1540mm X 580mm X 110mm (MTR BRKT 제외)
- BRKT 포함 최대 폭 : 680mm



MOBILITY FAST CHARGING & OTHER SERVICES 세계 최초



Renewable energy post-charging batch / post-discharge recovery return transportation service



MOBILE ESS GENERATOR

Electric ship

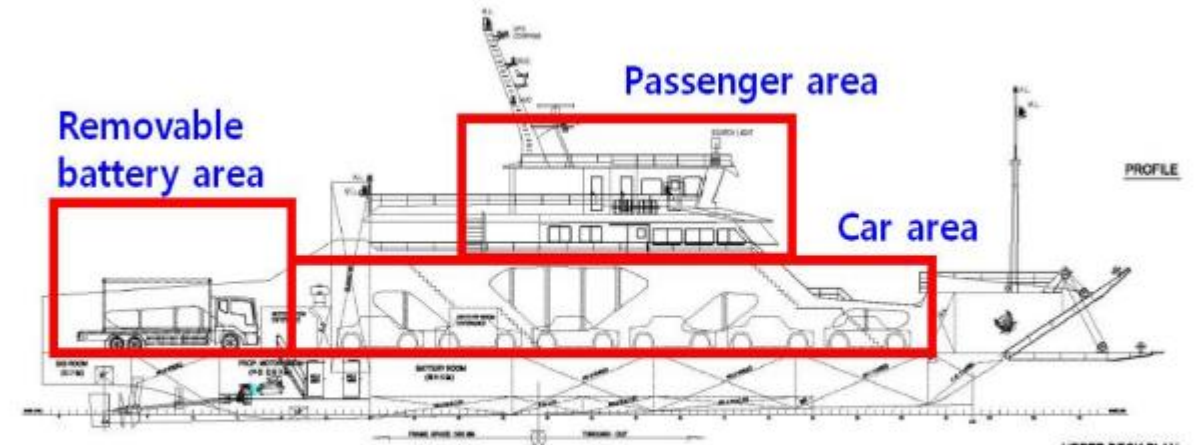


Fig. 13. Arrangement concept of developing vessel.



Fig. 4. Concept of removable battery truck.

What we need to do in the future

MOBILE ESS GENERATER Electric charger Truck / ship



> 구성

이동식전원공급시스템 적재함 및 이송장치

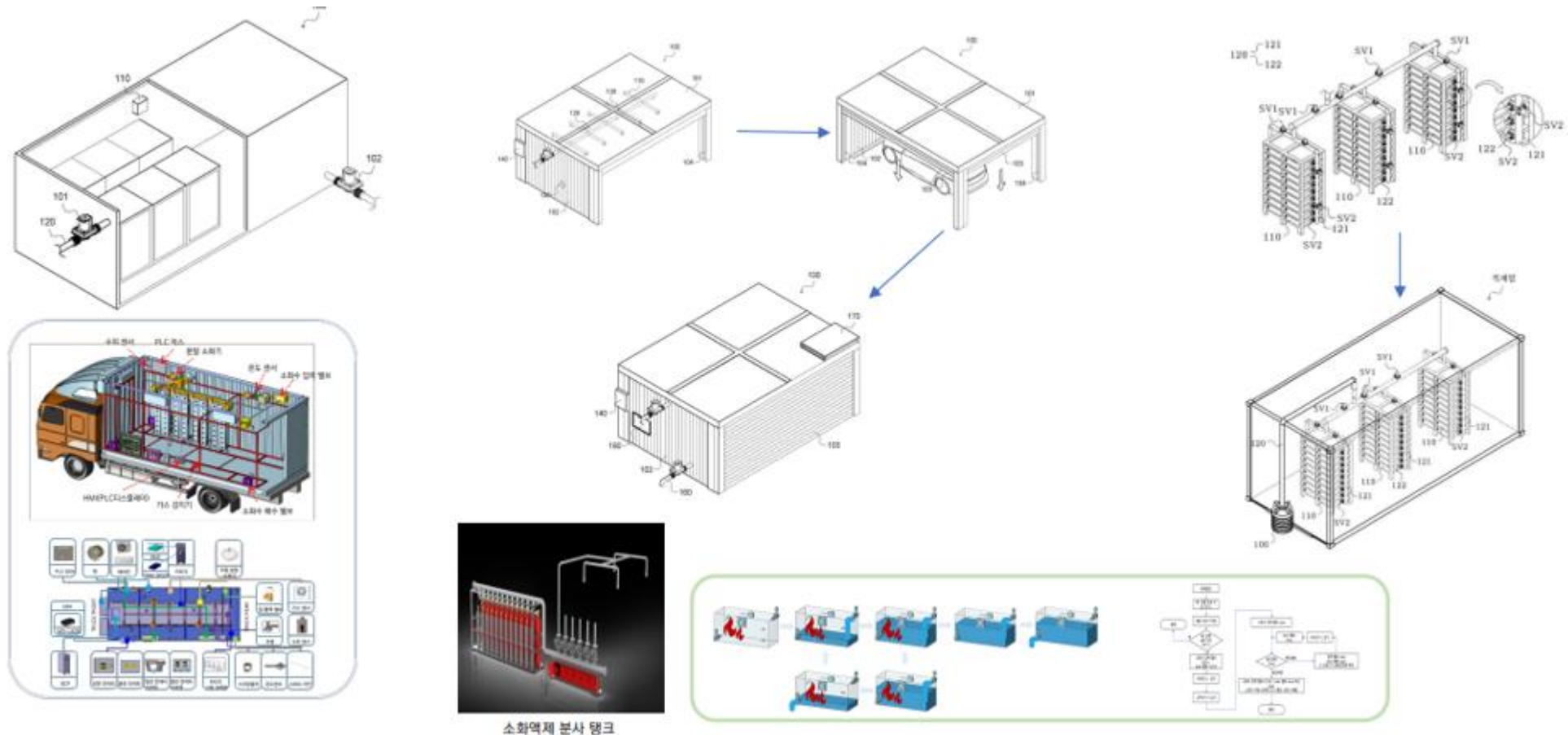


✓ 폭발에 의한 피해 방지를 위한 방폭 설계 적용

> 주요 기능

- ▶ 800kWh 급 : 이동교체식 전원공급시스
- ▶ 500kWh 급 : 도서전원공급 시스템

Firefighting facility configuration guide map



ESS Device Configuration Guide Map – Cooling Facility / Fire Extinguisher Installation

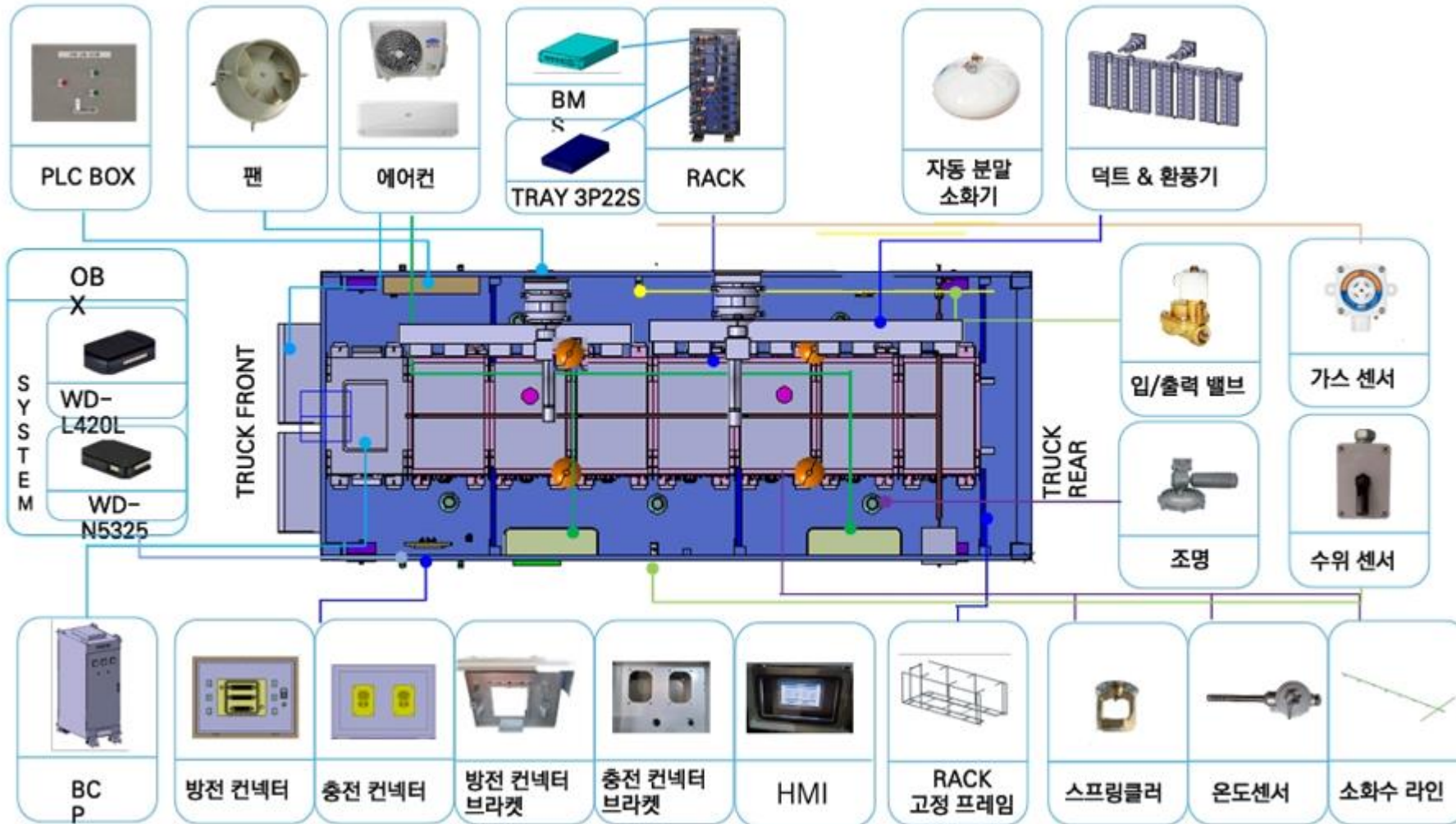
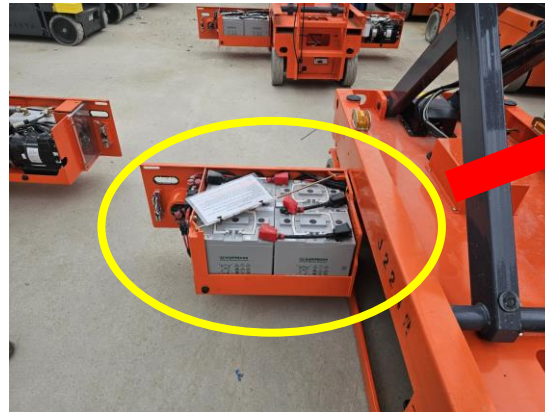


Table lift: After replacement of explosion-proof battery - Installation of 220V power-supplied lead-acid battery using power bank inverter is short-lived, so replacement time is fast. It also affects environmental problems. The average lifespan of one year and six months replacement period is a lithium polymer that can be used for more than 10 years



Lead-acid batteries
in a lithium pouch
in exchange
220V power supply with
inverter
supply



■ National Commercial Standardized Electric Motorcycle Battery Replacement System Made in Korea

Indonesia enters electric motorcycle battery charging service business (local production project)

Business Plan

EV Mobility Eco-system in Indonesia

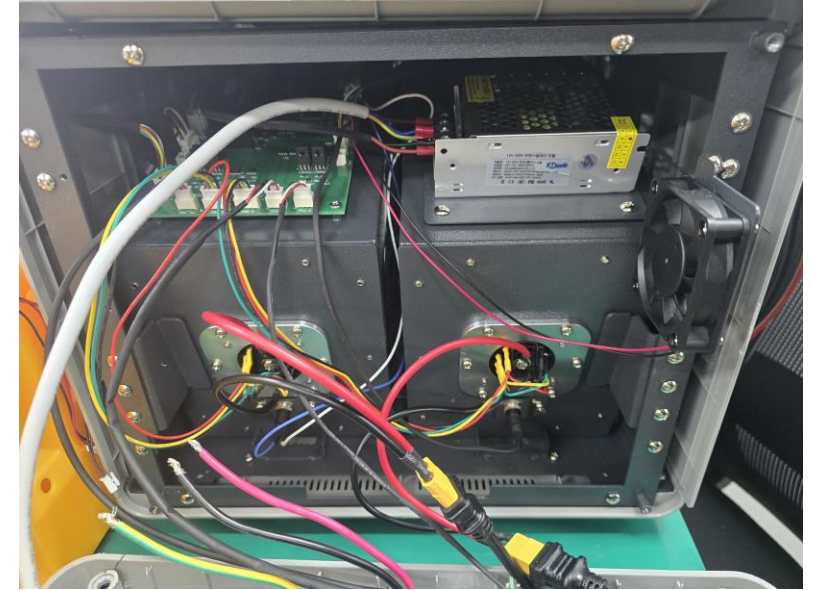


MOBILITY ENERGY BSS



What we need to do in the future

we are producing it in
Indonesia and exporting it
to Southeast Asia.



2000 units of Indonesia's charging station delivery, production, and export orders received in September 24
Delivery export shipment completed in March, 25.

12,000 set station supply in 25 years

Future plans: Indonesia's local assembly plant and

Processed products will be manufactured and localized

Prepare for localization of ESS processing plants – for mobile base stations



a variety of charging facilities



DATA

Business of Service Subscription Model

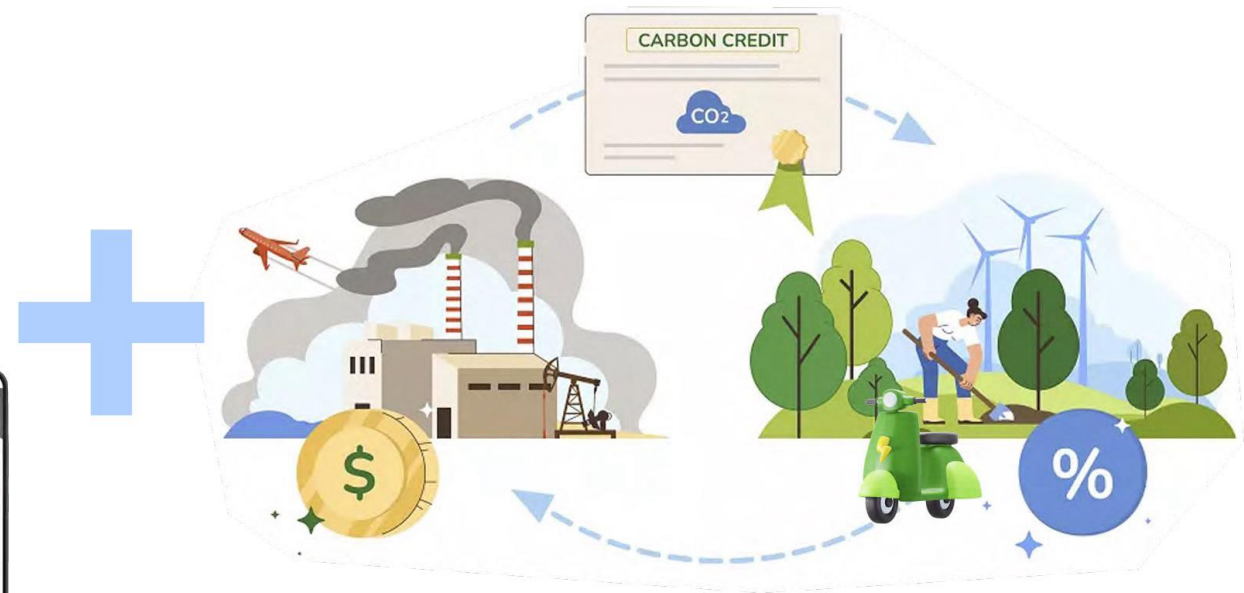
CONNECT CARE+ :

VEHICLE MANAGEMENT
+
BSS SUBSCRIPTION

Subscription service utilizing vehicle and BSS operating



Monitoring carbon emission reduction effects through vehicle riding data



Power Bank Specification

Manufacturer of battery packs with patented explosion-proof solutions, specializing in small industrial energy storage devices

Applications

- HOME ESS / POWER BANK

Product Information

- Product Name : Power Bank
- Model No. : MPB-7460
- Maker : MOBILITY ENERGY Co.,

Feature

- Rated voltage(Battery) : DC 48 V or 72 V (60AH)
- Rated capacity(Battery) : 72V 60 Ah or 48V (60A) - 120A (60A - 2 PACK)
- Charging Voltage : DC 52 V (or 84V)
- Charging Current : 5 A (option MAX 30A)
- Output Power : AC 220V 60 Hz , 2 Port
- Built-in battery management system (BMS)
- Built-in battery level indicator (power indicator)
- Battery cell structure: 14S 1P (14 serial 1 parallel cell structure) / 14S 2P or 20S1P
- 7 Ch single cell monitoring System
- 7 Ch cell balancing charge function
- Overcharge protection function
- Over-discharge protection function

ITEM	Specification
MODEL	MPB-7460
BATTERY	LIPB 3-6000W (48 V / 60Ah or 120Ah – 72V 60AH)
INPUT	DC 52 V / 5A (OPTION 30A – 84V 20A)
OUTPUT	AC 220V 60 Hz , 2 Port
CHARGING TIME	12 Hours / Choice Option 30A – 2(4) Hours
SIZE	L560 x W460 x H 420 mm
CASE	ABS Plastic Body
WEIGHT	28kg
TEMPERATURE	-35 ~ 60 C
MAKER	MOBILITY ENERGY



특허받은배터리 방폭 도포 작업

KC 인증 : R-R-MEn-MPB-7460

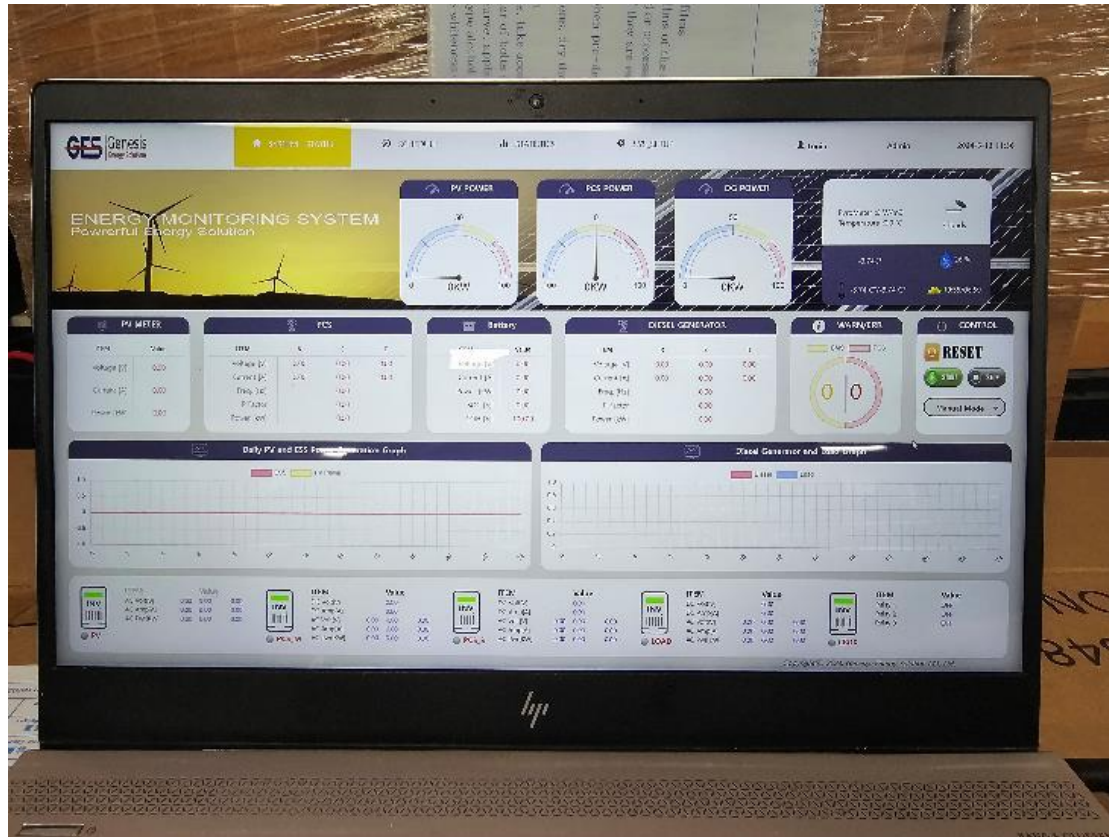


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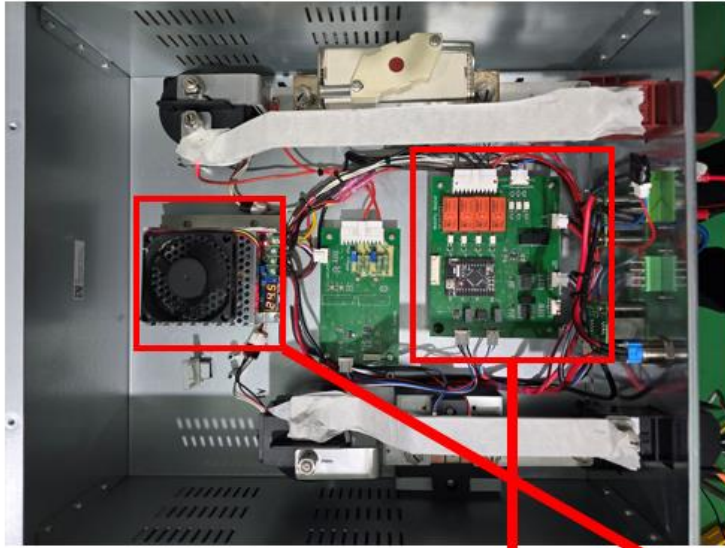
생산물 배상책임보험
가입인증

당신에게 좋은보험 삼성화재

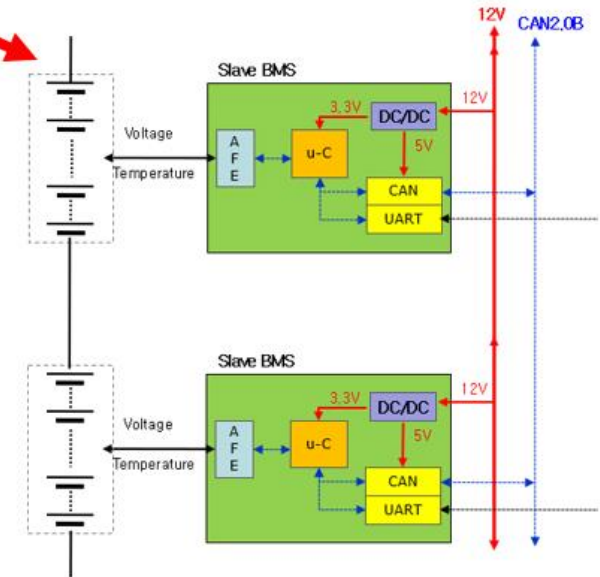
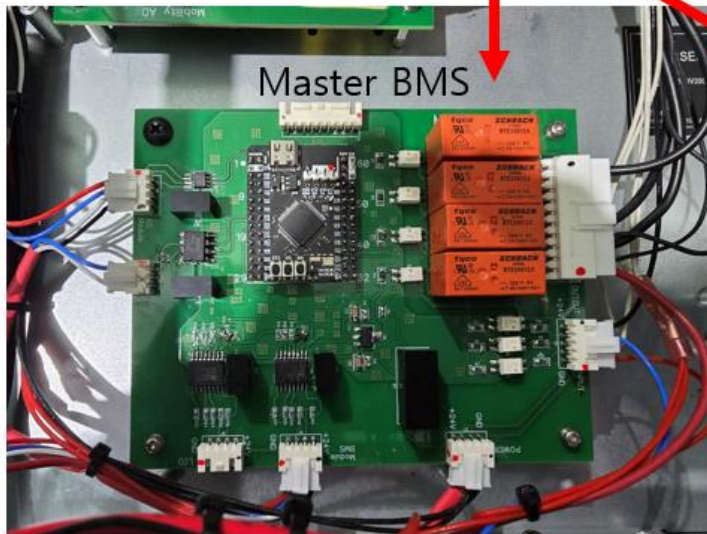
PCS / EMS / ESS PACK / MPPT / INVERTER MASTER BMS



MASTER & SLAVE BMS



Slave BMS



Chile Distributed Power Plant Zone Cooperation Construction Case



Construction guidance cooperation project

용 량 927kW

위 치 경남 함양 | 에디슨 태양광 2호기



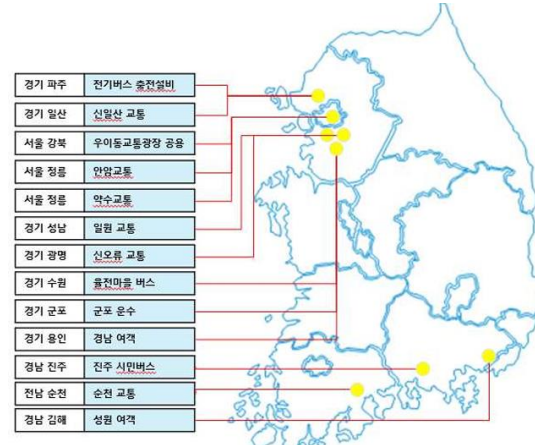
용 량 497kW

위 치 경기 안성 | 안성 HPM



용 량 충전설비(950kW), 태양광(32kW)

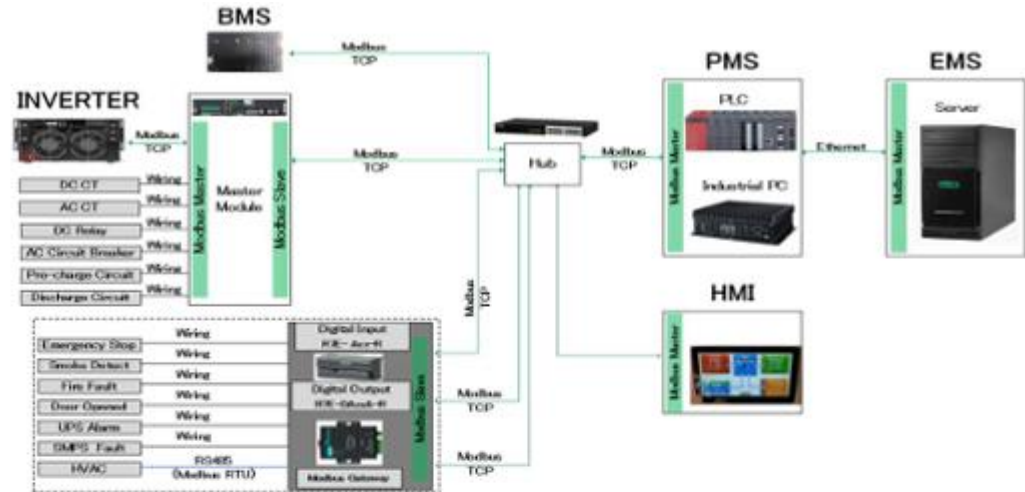
위 치 경남 진주 | 진주시민버스 전기 충전소 및 태양광



Construction guidance cooperation project



ESS (For KEPCO's 29 branches)



ESS (Data Flow Diagram)



1.3MWh ESS (For Government project)

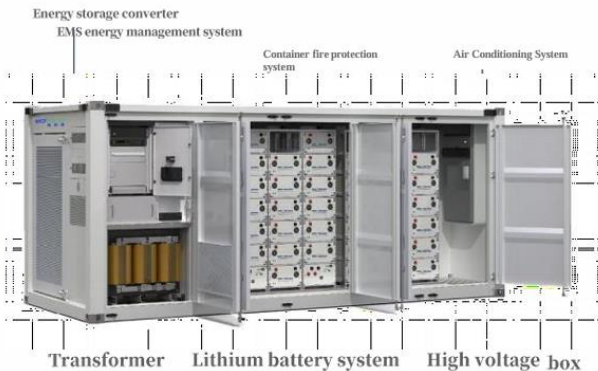
1) TOC : Total Operating Center



PV 300kW + ESS 1.3MWh
(Micro Grid project in Maldives Resort : TOC 1))

Construction guidance cooperation project

Container Energy Storage Solution



Flexible Configuration

- Output power can be flexibly configured from 100KW to 1000KW
- Battery standard battery cluster design, one cluster is 157KWh
- Supports 10-feet, 20-feet and 40-feet container configurations
- Support energy storage capacity 300KWh~2.6MWh

Safe And Reliable

- Equipped with comprehensive container temperature control management
- Complete fire protection system
- External maintenance methods ensure personnel safety
- Comprehensive fault diagnosis coverage (more than 150 fault diagnosis items)
- BMS hierarchical design to improve the safe operation level of energy storage

Local Remote Monitoring

- Comes with LCD screen for real-time monitoring (optional)
- With local and remote monitoring
- Remote dispatching of energy storage operations
- Intelligent operation data management

Smart & Advanced

- Smart energy management
- Active power dispatch and demand response
- Comprehensive energy dispatch capabilities

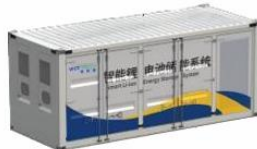
Container Energy Storage Solution-Product Overview

Small-Size Standard Container Cabin



10ft energy storage container
Built-in air conditioner for cooling
Maximum capacity of battery : 157.4KWh
PCS Rated Power: 250KW~300KW
Maximum Battery capacity: 314.8KWh~472.2KWh

Medium-Size Standard Container Cabin



20ft energy storage container
Built-in air conditioner for cooling
Maximum capacity of battery : 157.4KWh
PCS rated power: 0.5MW~1MW
Maximum battery capacity: 1MWh~1.416MWh

Large Standard Container Cabin



40ft energy storage container
Built-in air conditioner for cooling
Maximum capacity of battery : 157.4KWh
PCS rated power: 0.5MW~1MW
Maximum battery capacity: 2.676MWh~3.148MWh

48V/1300Ah battery system consisting of 13pcs 48100B LifePo4 batteries + PCU

Guaranteeing submarine optical fiber transmission
Realize long-term communication and remote monitoring of equipment

BSNL submarine optical fiber project on-site delivery case



Safe and Reliable

- Safe lithium iron phosphate cathode material
- BMS multiple protection mechanisms based on independent research and development patents
- Automatic production line to ensure high consistency

Modular Design

- Modular design, directly installed on 19" & 23" racks
- IP65 design (5G products)

Long Life

- 15 years design life

Intelligent Lithium Battery System

- Comes with LCD screen for real-time monitoring
- With local and remote monitoring
- Intelligent anti-theft system: GPS etc

Application Scenarios

- 19" & 23" communication base station
- 5G micro station (pole and wall-mounted)

Construction guidance cooperation project

Parameters	
Model	VICT-100kwh-30KW-01
Rated Capacity	260Ah
Rated Voltage	384V
Discharge Cutoff Voltage	240V
Operating Voltage	240V-438V
Maximum Continuous Discharge Current	100A
Maximum Charging Current	100A
Weight	600kg
Inverter	50KW
Dimensions (W*D*H) mm (Inches)	2360×1650×1050mm
Battery Type	3.2V 100AH(120S1P) single module
Design Life	More than 6 years
Cycle Life	Over 3000 cycles at 80%DOD
Protocol (Optional)	Modbus/RS485/CAN
Operating Temperature	Charging: 0 ~ +55°C Discharging: -20 ~ +60°C Storage: -20 ~ +60°C

100kWh Industrial And Commercial Energy Storage System



Parameters	
Model	X40000
Rated Capacity	400Ah/20kwh
OEM	30kwh/40kwh/50kwh
Rated Voltage	51.2V
Discharge Cut off Voltage	40V
Charging Limit Voltage	58.4V
Maximum Continuous Discharge Current	200A
Maximum Charging Current	200A
Weight	220kg
Inverter	5000W
Dimension (W*D*H) mm	19U
Battery Type	3.2V200AH(16S2P)
Design life	More than 6 years
cycle life	Over 3000 cycles at 80%DOD
Protocol (Optional)	Modbus/RS485/CAN
Operating Temperature	Charging: 0 ~ +55°C Discharging: -20 ~ +60°C Storage: -20 ~ +60°C

20kWh Industrial And Commercial Storage



Parameters	
Model	VICT-50kwh-30KW-01
Rated Capacity	130Ah (50kwh)
Rated Voltage	384V
Discharge Cut off Voltage	240V
Operating Voltage	240V-438V
Maximum Continuous Discharge Current	100A
Maximum Charging Current	100A
Weight	600kg
Inverter	30KW
Dimension (W*D*H) mm	2360×1650×1050mm
Battery Type	3.2V 100AH(120S1P) single module
Design Life	More than 6 years
Cycle Life	Over 3000 cycles at 80%DOD
Protocol (Optional)	Modbus/RS485/CAN
Operating Temperature	Charging: 0 ~ +55°C Discharging: -20 ~ +60°C Storage: -20 ~ +60°C

50kWh Optical Storage Integrated Machine



Parameter	
Model	X50000-02
Rated Capacity	200Ah (10KWH)
Rated Voltage	51.2V
Discharge Cut off Voltage	40V
Charging Limit Voltage	58.4V
Maximum Continuous Discharge Current	100A
Maximum Charging Current	100A
Weight	About 180kg
Inverter	5kW
Dimensions (W*D*H) mm	610*200*1600mm
Battery Type	3.2V 100AH(16S1P) single module
Design Life	More than 6 years
Cycle Life	Over 3000 cycles at 80 % DOD
Protocol (Optional)	Modbus/RS485/CAN
Operating Temperature	Charging: 0 ~ +55°C Discharging: -20 ~ +60°C Storage: -20 ~ +60°C

X50000-02



Construction guidance cooperation project

Technical Parameter:

Commercial and Industrial Energy Storage Cabinet Parameters

Energy Storage Parameters	Storage Capacity	LFP-216KWh
	Nominal Voltage	DC 832V
	Cycle Times	>8000 times (90%DOD, remaining 70%,25°C)
	Combination Form	5*1P52S
	Storage Configuration	314Ah , lithium iron phosphate battery system
Environment	Charging Temperature	0°C ~55°C
	Discharging Temperature	-20°C ~55°C
	Storage Temperature	-20°C ~60°C
	Relative Humidity	0%RH~95%RH, non-condensing
	Operating Altitude	≤ 4000m (power derating above 3000m)
Lifecycle	Temperature Difference	3°C in PACK, 5°C in cabinet
	Equipment Full Lifecycle	10 years (2 charges and discharges daily, considering 3% annual decay)
Others	Communication Method	CAN/RS485/ Ethernet
	Protection Level	IP55, salt fog protection (battery compartment)
	Cooling Method	Liquid cooling
	Fire Protection	Perfluoroacetone



Technical Parameter:

Commercial and Industrial Energy Storage Cabinet Parameters

Energy Storage Parameters	Storage Capacity	LFP-417KWh
	Nominal Voltage	DC 1331.2V
	Cycle Times	>8000 times (90%DOD, remaining 70%,25°C)
	Combination Form	5*1P52S
	Storage Configuration	314Ah , lithium iron phosphate battery system
Environment	Charging Temperature	0°C ~55°C
	Discharging Temperature	-20°C ~55°C
	Storage Temperature	-20°C ~60°C
	Relative Humidity	0%RH~95%RH, non-condensing
	Operating Altitude	≤ 4000m (power derating above 3000m)
Lifecycle	Temperature Difference	3°C in PACK, 5°C in cabinet
	Equipment Full Lifecycle	10 years (2 charges and discharges daily, considering 3% annual decay)
Others	Communication Method	CAN/RS485/ Ethernet
	Protection Level	IP55, salt fog protection (battery compartment)
	Cooling Method	Liquid cooling
	Fire Protection	Perfluoroacetone



1	시흥시청 PV + ESS 설치 공사	2023년 2월	PV 5KW,ESS 300KWh (시흥시 시화호 선착장)
2	(PV)	2023년 10월	태양광 PV900KW(30+60) 설치공사(강화도 건물형)
3	국방부 ESS 설치 공사	2023년 12월	ESS 1,200KWh (120KWh x 10ea) (KTL 군납)
4	Synertec ESS 설치 공사	2023년 4월	ESS 300KWh , 칠레 APEX 5500고지
5	Synertec ESS 설치 공사	2024년12월	PV 1MW,ESS 4.5MWh , 칠레 Toconao
6	태양광 수배전반 설치 공사	2024년12월	PV 1.2MW , 서사모아,AIRPORT
7	Synertec ESS 설치 공사	2025년3월	PV 150KW,ESS 630KWh , 칠레 CUCUTOR
8	Synertec ESS 기자재	2025년3월	ESS 기자재 , 칠레 ATAKAMA

방송통신기자재등의 적합등록 필증

Registration of Broadcasting and Communication Equipments

상호 또는 성명 Trade Name or Registrant	주식회사 모빌리티에너지
기자재명칭(제품명칭) Equipment Name	Power Bank
기기부호/추가 기기부호 Equipment code /Additional Equipment code	IND
기본모델명 Basic Model Number	MPB-7460
파생모델명 Series Model Number	
등록번호 Registration No.	R-R-MEn-MPB-7460
제조사/제조국가 Manufacturer/Country of Origin	주식회사 모빌리티에너지/한국
등록연월일 Date of Registration	2023.11.22
기타 Others	

위 기자재는 「전파법」 제58조의2 제3항에 따라 등록되었음을 증명합니다.
It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

2023년(Year) 11월(Month) 22일(Day)

국립전파연구원장

Director General of National Radio Research Agency

※ 적합등록 방송통신기자재는 반드시 "적합성평가표시" 를 부착하여 유통하여야 합니다.
위반시 과태료 처분 및 등록이 취소될 수 있습니다.

verify No.406545576713



Test Report issued under the responsibility of:

TEST REPORT EN 62133-2 Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications – Part 2: Lithium systems	
Report Reference No.	KR21-YBC0013
Date of issue	August 26, 2021
Tested by (name + signature)	Seung Min Baek
Approved by (name + signature)	Hyung Keun Lim
Testing Laboratory	KCTL INC.
Address	52-20, Sinjeong-ro 41 beon-gil, Giheung-gu, Yougin-si, Gyeonggi-do, Republic of Korea
Applicant's name	Anzio Bike Co., Ltd.
Address	A-314, Indeokwon, IT-Valley, 40, Imi-ro, Uiwang-si, Gyeonggi-do, Republic of Korea
Test specification:	
Standard	IEC 62133-2:2017 EN 62133-2:2017
Test procedure	KCTL Test Procedure
Non-standard test method	N/A
Test Report Form No.	IEC62133_2A
Test Report Form(s) Originator	DEKRA
Master TRF	Dated 2017-08-10
General disclaimer:	
The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.	
Test item description	Rechargeable Li-ion Battery Pack
Trade Mark	N/A
Manufacturer	Same as applicant
Model/Type reference	ACM-3607
Ratings	36 V, 6 700 mAh

안전 확인 신고 증명서

Confirmation Letter of Declaration

신고번호 : XD100040-22001A
(Application No.)
 신고회사명 : (주)모빌리티에너지
(Applicant)
 주 소 : 인천광역시 미추홀구 염전로 177, 2층 (도화동)
(Address)
 제품명 : 전지
(Product)
 기본모델명 : MB4000F
(Basic Model)
 파생모델명 (Series Model) :

정격/안전기준상의 모델 구분 : 35.2 V, 11 850 mAh
(Rating)

안전기준 : KC 62133-2(2020-07)
(Standard)

본 확인신고는 제 조 국 명 : 한국
 제조업자명 : (주)모빌리티에너지
 제조공장의 주소: 인천광역시 미추홀구 염전로 177, 2층 (도화동)
 의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」 제28조제1항, 같은 조 제3항, 제29조제2항 또는 제34조제2항에 따라 안전확인신고 증명서를 발급함-다.
We issue this Confirmation Letter of Declaration of the safety Confirmation for the above appliances in accordance with Article 28(1), 28(3), 29(2) or 34(2) of the Electrical Appliances and Consumer Products Safety Control Act.

2022년 03월 23일
(Year) (Month) (Day)



한국기계전기전자시험연구원
Korea Testing Certification Institute



※ 이 증명서는 「전기용품 및 생활용품 안전관리법」에 따른 제품의 안전성 확인에 한정된 것이며, 그 밖의 다른 법률이 적용되는 제품의 경우에는 해당 법률에 따라 추가로 인증·허가 등을 받아야 합니다.

첨부서류 1. 전기용품의 안전관리부품 및 재질목록(List of Critical Components)(전기용품에 한정한다)
 2. 기본모델·파생모델의 내용(Description of the basic and series model)
 3. 안전확인신고 내용의 변경 현황(Revisions Status)

인도네시아 전기오토바이 운영 사업 / 한국형 전기오토바이 표준화 사업 표준화 배터리팩, 교환형 충전스테이션(BSS), 전기오토바이 본체& 배터리 충전구독서비스

[게시판] KB 인니은행, 현지 韓 전기오토바이 기업과 MOU

송고 2025-05-14 14:15

박의래 기자
+ 구독



KB 인니은행, 친환경 금융 협력 양해 각서

(자카르타=연합뉴스) 박의래 특파원 = 14일 인도네시아 자카르타에 있는 KB뱅크 인도네시아 본점에서 전기오토바이 생태계 구축을 위한 친환경 금융 협력 양해 각서(MOU) 체결식 관계자들이 기념촬영을 하고 있다. 2025.5.14. laecorp@yna.co.kr

KB뱅크 인도네시아는 14일 인도네시아 자카르타 본점에서 E3 모빌리티, **DAT 모빌리티 시스템**, LG에너지솔루션, 케이원 일렉트로닉스 등 현지 진출한 전기 오토바이 관련 **한국 기업들과 생태계 구축을 위해** 5천억 루피아(**약 428억원**) 규모의 친환경 금융협력 양해 각서(MOU)를 체결했다. KB뱅크는 "이번 협업으로 인도네시아 친환경 모빌리티 분야의 실질적인 진전을 이룰 수 있을 것으로 기대한다"고 밝혔다. 세계 3위 오토바이 시장을 보유한 **인도네시아는 2030년까지 전기 오토바이를 1천300만대로 늘릴 계획이다.** (자카르타=연합뉴스)

MEMORANDUM OF UNDERSTANDING

Based on cooperation in the EV 2-Wheeler charger business in the Asian market, including Indonesia, **MOBILITY ENERGY** (Hereinafter referred to as "Mobility Energy"), and **PT. DAT MOBILITY SYSTEM** (Hereinafter referred to as "DMS") sign this Memorandum of Understanding (hereinafter referred to as "MOU") to establish friendly relations and a solid system of cooperation between each company.

Article 1. Objective

The Objective of the MOU is to cooperate on the EV 2-wheeler charger business in the Asian, including Indonesian market and collaborate in areas of mutual interest. To this end, the both Parties intend to cooperate with the EV 2-wheeler charger business.

Article 2. Areas of Cooperation

Cooperation and participation between the parties under this MOU is based on the comprehensive mutual recognition of:

□ All Parties

- All parties try their best to set up and cooperate with the EV 2-wheeler charger business for the Asian, including Indonesian market.

□ Mobility Energy

- 1) CBU & CKD Parts Supply and Technical Support for Chargers for EV 2-wheeler.
- 2) Exchange technical support with cooperative partners through business cooperation, and participation in diverse activities in EV 2-wheeler assembly and establishing EV 2-wheeler supply chain in Asian including Indonesia.
- 3) Mobility Energy will support setting up the assembly facility with DMS.
- 4) Invest for Main PCB board localization to meet TKDN regulation in terms of period required from DMS in Indonesia.

□ DMS

- 1) Import and Deploy CBU charger at it's BSS intra location
- 2) Assembly the EV 2-wheeler charger in Indonesia with Mobility Energy's CKD parts.
- 3) Exchange with cooperative partners through local market demands and technical trends, and collaboration with Mobility Energy for assembly of the EV 2-wheeler charger and the expansion for the Asian market, including the Indonesian market.

Article 3. Details

Any details will be decided upon by agreement of each party.

Article 4. Implementation

Number : 32/EV/V/2025
Attachment : -
Subject : Acknowledgement of Partnership
Jakarta, May 5th, 2025
To

PT KB Bank Indonesia Tbk

This letter serves to acknowledge the ongoing partnership between PT Indonesia Comnets Plus ("**PLN Icon Plus**") and PT DAT Mobility Systems ("**DMS**"), a member of the consortium between **E3 Mobility Inc. and Hyundai Kefico Corporation**. This partnership was formally established through Agreement Number 1020.P/HKM.02.01/IC010004/2023 regarding the Provision of Electric Two-Wheel Vehicle (EV 2W), dated October 1st, 2023, as amended by Agreement Number 0818.Amd/HKM.02.01/IC010202/2024, dated August 26th, 2024.

This initiative supports the transition from internal combustion engine (ICE) 2W to EV 2W within the PLN Group, the government institutions, and public use—an effort aligned with national goals for cleaner and more energy-efficient mobility. Under this collaboration, PLN Icon Plus and DMS have entered into a contract for the procurement and use of hundreds of E3 Mobility Deux units with DMS's Battery and Charger Solution (BSS) across Indonesia. The partnership remains active and ongoing, and both parties are aligned in the pursuit of broader impact and long-term value creation.

Furthermore, the presence of KB Bank Indonesia's Green Finance program provides additional strategic momentum. Through potential financing and institutional support mechanisms, this initiative can be accelerated in terms of stability, scalability, and market expansion of the EV transition for DMS, E3 Mobility Inc., and Hyundai Kefico Corporation—both within the PLN Group and across the wider Indonesian mobility landscape.

We thank you for your attention and kind consideration.

PT INDONESIA COMNETS PLUS

Ferdy Alfazka Putra
Vice President of Electric Vehicle Services

인도네시아는 2030년까지 전기 오토바이를 1천300만대로 늘릴 계획 엔진오토바이 현 1.5억대 운영

PLN – ICON PLUS 인도네시아 전력청

KB 인도네시아사 운영 자금 펀드 조성 완료

1차 펀드 : 458 억 / 2차 예정 : 2,000 억

DAT MOBILITY SYSTEM – 현지 업무 대행

- LG에너지솔루션- 표준화 배터리 공급
- 케이원 일렉트로닉스 (구),현대케피코- 파워트레인 공급

DAT MOBILITY SYSTEM – 현지 업무 대행

BSS충전스테이션 공급

오토바이 본체 공급

MOBILITY ENERGY

E3 전기오토바이 업체

BSS – 인니 현지 공장 준비
PCB 등 주요 품 한국 공급

BSS 공급 계약
나라장터 공급

본체 인니 공장 준공 진행중
(KR모터스, 대동모빌리티,
인니 현지업체 등)

교환형 배터리 구독서비스 관리

모빌리티에너지 인니 사업 목표

배터리 교환 구독 서비스를 위한 운영 플랫폼 인니 현지화- 요청 받은 사항임

교환형 배터리팩 / 표준화 팩 현지 생산화 추진 – 인니 정부 현지화 40%이상 요청

ESS 사업 추진 – 교환 스테이션 자가 충전 서비스 구현
- 무선 통신 기지국 자가 충전 가동형

인니 현지 법인 설립 추진 – 구독 서비스 사업 추진

2025 한-인니 EV·e-모빌리티 협력 상담회

사업개요
사업명 : 2025 한국-인도네시아 EV·e-모빌리티 협력 상담회
일시/장소 : 2025.7.1.(화)~2.(수) / 자카르타 및 락파랑 인근
모집분야 : 전기자동차(2륜,3륜,4륜) 부품 및 충전/BSS 인프라/솔루션
주최/주관 : KOTRA 및 한-인니 e-모빌리티 협력센터
참가규모 : (바이어) 글로벌 OEM, Tier-100개사
(국내기업) 전기차부품, 충전BSS 인프라/솔루션 분야 국내기업 20개사

사업내용
① 상담회 | 제품 수출을 포함한 기술·생산협력 등에 대한 현지 협력을 위한 상담* 진행
* 인도네시아 바이어의 기술 및 생산 현장 방문 수요가 높은 산업 반영
② 현장시찰 | 전기 이륜차 제조 공장 시찰(화학 기업 수요 반영 예정)

주요일정	
6.30(월)	20:00-22:00 (자카르타 도착) 참가기업 입국 지원
7.1(화)	09:00-17:00 설명회 및 1:1 수출/기술협력 상담회 09:00-18:00 공장 시찰
7.2(수)	18:00-20:00 (한국 귀국) 참가기업 출국 지원

* 현장 기업 대상 설명 및 장소 방문 주후 별도 안내 예정

참가신청
신청기간 : 2025.4.30.(수)
제출서류 : 신청 시 하기의 제출 필수자료 첨부
① 정부 1. 신청서 양식(*제공된 양식 활용)
② 영문 기업 소개자료, 카탈로그 등
신청방법 : KOTRA 무역투자24 홈페이지를 통해 신청
문의사항
행사 관련 : 자카르타무역관(jangnw@kotra.or.kr)
신청 관련 : 소재부품장비팀(02-3460-3257, yechan@kotra.or.kr)

kotra

