



TWS Technology ESS BU introduction

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TWS Technology ESS Overview

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TWS Group Organizational Structure



Vision
Create a Better Life for People



Mission
To Be the Industry Leader in Rechargeable Energy Solutions

Employee Engagement

Integrity

Customer Oriented

Teamwork

Pursuit of Excellence

TWS Core Values

TWS Global Partnerships

SAMSUNG



SHARP



Panasonic

BOSE

dreame
— 追觅科技 —



vivo

oppo

OMRON

Honeywell



NARVAL



NARI



FOXCONN
富士康



TWS Global Footprint



TWS Milestones

1998-2026

1998

- Founded and started production of OEM Lithium-ion batteries in Guangzhou, China

2005

- High growth leading to our expanded global presence among the USA, Japan, and Korea
- Ranked Forbes's top 100 Potential Enterprises in China for three consecutive years

2019

- Established and expanded ESS manufacturing site in Huaibei, Anhui, PRC

2021

- Launched Titan container ESS solution

2024

- Debuted Max-Pro & Max-Classic series C&I liquid-cooling ESS cabinets
- Delivered 450 MWh for China's largest string ESS power station project

2026

- Introduced PowerM-Pro containers
Launched new TWS ESS Website

2001

- Awarded "New High-Tech Enterprise" status by Science and Technology Committee in China
- Achieved ISO 9001 certification

2016

- Commenced operations of TWS Technology LLC in Chicago, USA
- Attained ISO/TS 16949 certification

2020

- Inaugurated TWS GmbH in Frankfurt to drive European business expansion.
- Introduced VDA battery module solutions.
- Designated as AEO Advanced Certified Enterprise.

2023

- Launched its 6th R&D center in Nanjing, Jiangsu Province.
- 25th anniversary

2025

- Released PowerCore & PowerMod ESS containers
- Added HV419 ESS cabinet
- Presented ProeM315 series C&I ESS cabinet

TWS Manufacturing Sites



Guangzhou

- Production capacity: 1.1 GWh
- Flexible & automated battery PACK assembly, SMT and injection molding production



Powering a Sustainable Future



Huaibei

- **Production capacity: 10 GWh**
- **Energy storage system**



Xuyi

- Production capacity: 1.5 GWh
- Flexible & automated battery PACK assembly



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Jakarta

- Production capacity: 0.5 GWh
- Fully automated battery PACK production



Nakhon Pathom

- Production capacity: 0.5 GWh
- Vehicle Integration Mfg. Assembly



Proprietary Material of TWS

ESS BU Overview

Production scale

- Existing site area: **50,000 m²**
- Existing building area: **66,000 m²**
- ESS Container assembly area: **4,100 m²** (capable of accommodating assembly of **50 40-foot** containers)

Production capacity

- About **40,000** cells are welded daily, with an annual capacity of **10 GWh+**
- **5** CTP Module + PACK production lines
- **1** pilot production line
- **4** channels of ESS charge-discharge test equipment



Awards & Honors

Ranking

DC BESS Shipments in China in 2023 **No. 5**

BESS Shipments in China in 2022 **No. 5**

Honors

Top 500 Global Renewable Energy Companies

Top 10 Brands of Energy Storage System Integration

Employees

200+

Global R&D Team

50+

Annual Production Capacity

10 GWh

Global Reach

20+

Global Service & Support

28 Years

Total Commissioned Capacity

8 GWh

By the end of 2025



ESG & Carbon Footprint

Certified Products

Provincial Green Factory

TWS has established product carbon footprint quantification management capabilities compliant with international standards, laying a solid foundation for addressing EU regulations and expanding into international markets.



Product Carbon Footprint Certificate

No.: 04125CFP0416

Product Name: Battery pack (1P104S)

Product Model: 1P104S PACK

Standard: ISO 14067:2018 Greenhouse gases – Carbon footprint of products – Requirements and guidelines for quantification

Reporting Period: From January 1, 2024 – December 31, 2024

Boundary: Cradle-to-gate

Functional Unit: The output is 1 kWh in the whole life cycle

***GHG Emissions:** 13.27 gCO₂e

Commissioned by: TWS Technology(Anhui) Limited

Manufacturer: TWS Technology(Anhui) Limited

Factory Location: 89 Binhe Rd., New Economic Development Zone, Huaibei City, Anhui Province

Issue Date: August 22, 2025

Life cycle distribution:

Stage	Percentage
Raw material acquisition and processing stage	98.79%
Production stage	1.21%

* The carbon footprint data expressed in the certificate is scientifically modeled, calculated and verified according to recognized standards and within a set of strict limits. The data only demonstrates that the responsible party is meeting its responsibility and commitment to combat climate change and is publicly disclosing its efforts to control greenhouse gas emissions over the long term. Drawing direct comparisons between carbon footprint data from similar products and data from the certificate is unscientific, and it is inappropriate to draw conclusions of superiority or inferiority based on such comparisons. Anyone using the carbon footprint data in a misleading manner shall be held responsible for the consequences in accordance with relevant laws and regulations.

CTI

General manager: 

CTI Certification Co., LTD.

Zone A BF CTI Building, No.4 Liu Xian San Road, Xin'an Street, Bao'an District, Shenzhen, Guangdong Province, China.



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CNAS VV003-EI

GREENHOUSE GAS VERIFICATION STATEMENT

Certificate No.: 04125GHGA20369

The 2024 Greenhouse Gas Inventory Report of
TWS Technology(Anhui) Limited

(Issue date: July 10, 2025; Time period: January 1, 2024-December 31, 2024)
has been verified in accordance with ISO 14064-3:2019 with the materiality and the level of assurance satisfied.

Verification Criteria: ISO 14064-1:2018

Verification Programmes: ISO/IEC 17029:2019; ISO 14065:2020; ISO 14064-3:2019; ISO 14066:2011

Boundary(ies): Verified greenhouse gas statement:
The 2024 Greenhouse Gas Inventory Report of TWS Technology(Anhui) Limited
Organizational boundaries:
All facilities under the operational control and related to greenhouse gas emissions and removals of TWS Technology (Anhui) Limited, which located at 89 Binhe Rd., New Economic Development Zone, Huaibei City, Anhui Province, P.R.China.
Scope of business and activities:
Technical research and development, assembly, and sales of lithium battery packs
Time period:
January 1, 2024-December 31, 2024
GHG Category(ies):
☒ Category 1 ☒ Category 2 ☐ Category 3
☐ Category 4 ☐ Category 5 ☐ Category 6.

Total emissions: 2,143 tCO₂e

Type of entity: Third-party

Issue date: July 31, 2025

Commissioned by: TWS Technology(Anhui) Limited

Details of the objectives, assurance levels, materiality, intend users of the GHG statement, etc. are given in the appendix to this verification statement of which forms an integral part.

CTI

General manager: 

CTI Certification Co., LTD.

Zone A BF CTI Building, No.4 Liu Xian San Road, Xin'an Street, Bao'an District, Shenzhen, Guangdong Province, China.
The CNAS accreditation mark indicates that the CNAS recognizes the competence of the TWS Technology(Anhui) Limited in accordance with the ISO 14064-3:2019 standard. The CNAS accreditation is responsible for the certificate. This certificate is available on our website (www.cti-cert.com).



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ENVIRONMENTAL INFORMATION
CNAS VV003-EI

APPENDIX TO THE GREENHOUSE GAS VERIFICATION STATEMENT

Certificate No.: 04125GHGA20369

Description of the verification: CTI verified the inventory of Greenhouse gas emissions in the year 2024 of TWS Technology(Anhui) Limited according to ISO 14064-3:2019.

Scope: Machine and equipment manufacturing (12)

Objectives: a) Evaluate whether the GHG inventory report meets the requirements of ISO 14064-1:2018
b) Evaluate the consistency and completeness of the GHG inventory report
c) Verify the correctness and reasonableness of the GHG accounting and reporting
d) Evaluate the GHG-related management controls at the organization level

Assurance level: Reasonable

Materiality threshold: 5%

Intended users: Stakeholders involved in the business activities

Nature of data and information supported the GHG statement: Historical facts

GHGs included: ☒ CO₂ ☒ CH₄ ☒ N₂O ☒ HFCs ☐ PFCs ☐ SF₆ ☐ NF₃

Category 1 Emissions: 517.25 tCO₂e

Category 2 Emissions: 1625.74 tCO₂e

Total Emissions: 2,143 tCO₂e

CTI

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The CNAS accreditation mark indicates that the CNAS recognizes the competence of the TWS Technology(Anhui) Limited in accordance with the ISO 14064-3:2019 standard. The CNAS accreditation is responsible for the certificate. This certificate is available on our website (www.cti-cert.com).



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Energy Storage Solutions

- Standard Product Matrix
- Energy Storage Solutions
- Energy Storage Services

TWS ESS Product Portfolio

View full specifications at www.tws-bess.com



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Proprietary Material of TWS

Standard Products- DC Side

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Category	ESS cabinets		ESS containers	
Series	ProeM-C3	Max-Classic	PowerMod	PowerCore
Cell	314 Ah LFP	315 Ah LFP	314/315 Ah LFP	314/315 Ah LFP
Capacity	208-417 kWh	262 kWh	1671-2507 kWh	5015 kWh
Rate	≤0.5 P	≤0.5 P	≤0.5 P	≤0.5 P

Standard Products – AC Side

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Series	Fit	Max-Pro	Max-ProAM	Max-Solaris	PowerM-Pro	VersaCharge Station
Cell	314 Ah LFP	315 Ah LFP	315 Ah LFP	315 Ah LFP	314/315 Ah LFP	314/315 Ah LFP
Capacity	112.53/160.76 / 208.98 kWh	262 kWh	262 kWh	262 kWh	2507/3343kwh	1253kWh
Rate	≤0.5 P	≤0.5 P	≤0.5 P	≤0.5 P	≤0.5 P	≤0.5 P
PCS	50/80/100kW	125kW	135kW	125kW	1000kW/1720kW	500kW

Fit Series

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Powering a Sustainable Future

Rack Parameters

Product Model		Fit-110	Fit-160	Fit-200	
Rack Parameters	Cell type	LFP 314Ah			
	Pack configuration	1P16S			
	Pack rated voltage	51.2V			
	Pack dimensions (W*H*D)	445mm * 808.5mm * 227.5mm			
	Pack capacity	16.07kWh			
	Pack quantity	7	10	13	
	Rack capacity	112.53kWh	160.76kWh	208.98kWh	
	Rack rated voltage	358.4V	512V	665.6V	
	Rack voltage range	313.6V ~ 397.6V	448V ~ 568V	582.4V ~ 738.4V	
	Weight	770kg	1100kg	1430kg	
	Ingress protection	IP20			
	Anti-corrosion grade	C4-M			
	Operating ambient humidity	5%~85%			
	Operating ambient temperature	0°C~45°C			
	Max. operating altitude	≤2000m			
	Rack cooling method	Air-cooling			
	Communication interface	CAN / LAN			
	Communication protocol	CAN2.0B / Modbus TCP			
Hybrid Inverter Parameters	DC input (PV side)	Recommended max. PV array size	100kW	160kW	200kW
		Max. usable PV input power	100kW	160kW	200kW
		Max. input voltage	1000V		
		Rated voltage	620V	600V	
		Start-up voltage	180V		
		MPPT voltage range	150V~950V		
		Max. input current	40A x 4 / 40A x 6	42A x 10	42A x 10
		Max. short circuit current	60A x 4 / 60A x 6	60A x 10	60A x 10
		Number of MPPT / Max. input strings	4 MPPT / 8 strings	10 MPPT / 20 strings	

ProeM-C3 Series Cabinets

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Product Model	ProeM-C3-208	ProeM-C3-261	ProeM-C3-313	ProeM-C3-365	ProeM-C3-417
System configuration	1P208S	1P260S	1P312S	1P364S	1P416S
Pack quantity	4	5	6	7	8
Rated energy (BOL) at DC side	208 kWh	261 kWh	313 kWh	365 kWh	417 kWh
System output voltage range	582.4~738.4 Vdc	728.0~923.0 Vdc	873.6~1107.6 Vdc	1019.2~1292.2 Vdc	1164.8~1476.8 Vdc
Rate for charging & discharging	≤0.5P				
Weight	2160 kg	2500 kg	2840 kg	3180 kg	3520 kg
Dimensions (W*D*H)	1330*1350*2300 mm				
Ingress protection rating	IP55				
Anti-corrosion grade	C4-M				
Operating ambient humidity	0%~95% (non-condensing)				
Operating ambient temperature	-20 °C~55 °C				
Maximum working altitude	4000 m				
Cooling method	Liquid-cooling				
Fire safety equipment	Aerosol + combustible gas detection + ventilation + water extinguishing system				
Communication interface	LAN				
Communication protocol	Modbus TCP				
Certification (On going)	IEC62619, IEC63056, IEC62477, EN IEC61000, UL1973, UL9540A, UN38.3				

Max-Pro Cabinets

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Product Model		Max-Pro
Cell parameters	Type	315 Ah LFP
	Rated output power	125 kW
	Rated power grid voltage	230/400 Vac
PCS parameters	Rated power grid frequency	50/60 Hz
	System configuration	1P260S
	Rated energy at DC side	262 kWh
Cabinet parameters	Voltage range	728V~923V
	Weight	2600 kg
	Dimensions (W*D*H)	950*1400*2330 mm
	Ingress protection rating	IP55
	Auxiliary power supply	Self-powered
	Anti-corrosion grade	C4-M
	Operating ambient humidity	0%~95% (non-condensing)
	Operating ambient temperature	-20°C~55°C (derated over 45°C)
	Maximum working altitude	4000 m (derated over 2000m)
	Cooling method	Liquid-cooling
	Fire safety equipment	Aerosol + combustible gas detection + ventilation + water extinguishing system
	Communication interface	LAN
	Communication protocol	Modbus TCP
Certification		IEC62619, IEC63056, IEC62477, IEC62933, EN 61000, UL9540A, UN38.3, CEI 0-21, CEI 0-16

Max-ProAM Cabinets

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Product Model		Max-ProAM
Cell parameters	Type	315 Ah LFP
	Rated output power	135 kW
	AC voltage	480 (-15%~15%) Vac
PCS parameters	AC frequency	60±5Hz
	System configuration	1P260S
	Rated energy at DC side	262 kWh
Cabinet parameters	Voltage range	728V~923V
	Weight	2600 kg
	Dimensions (W*D*H)	950*1400*2330 mm
	Ingress protection rating	IP55
	Auxiliary power supply	Self-powered
	Anti-corrosion grade	C4-M
	Operating ambient humidity	0%~95% (non-condensing)
	Operating ambient temperature	-20°C~55°C (derated over 45°C)
	Maximum working altitude	4000 m (derated over 2000m)
	Cooling method	Liquid-cooling
	Fire safety equipment	Aerosol + combustible gas detection + ventilation + water extinguishing system
	Communication interface	LAN
	Communication protocol	Modbus TCP
Certification		EC62619.IEC63056.IEC62477.EN61000. UL1973.UL9540A.UN38.3, UL1741, IEEE1547

Max-Classic Cabinets

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Product Model		Max-Classic
Cell parameters	Type	315 Ah LFP
	Cell configuration	1P260S
	Rated energy at DC side	262 kWh
	Voltage range	728V~923 V
	Weight	2400 kg
	Dimensions (W*D*H)	950*1400*2120 mm
	Ingress protection rating	IP55
Cabinet parameters	Auxiliary power supply	External power supply
	Anti-corrosion grade	C4-M
	Operating ambient humidity	0%~95% (non-condensing)
	Operating ambient temperature	-20 °C~55 °C
	Maximum working altitude	4000 m
	Cooling method	Liquid-cooling
	Fire safety equipment	Aerosol + combustible gas detection + ventilation + water extinguishing system
Certification	Communication interface	LAN
	Communication protocol	Modbus TCP
		EC62619.IEC63056.IEC62477.EN61000.UL1973.UL9540A.UN38.3

Max-Solaris Cabinets

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Product Model			Max-Solaris 262
Cell parameters	Type		315 Ah LFP
Cabinet parameters	System configuration		1P260S
	Rated energy at DC side		262 kWh
	Voltage range		728 V~923 V
	Weight		2380 kg
	Dimensions (W*D*H)		950*1400*2120 mm
Hybrid inverter parameters	DC input (PV side)	Recommended max. PV array size	250 kW
		Max. input voltage	1000 V
		MPPT voltage range	150V~950 V
		Start-up voltage	180 V
	AC output (Grid side)	Rated output power	125 kW
		Max. apparent output power	125 kVA
		Rated grid voltage	3/N/PE , 220V/380V or 3/N/PE , 230V/400V
	Efficiency	Max. efficiency	97.50%
	AC input (Grid side)	Max. input current	250 A
		Ingress protection rating	IP66
	General specification	Relative humidity	0%~100%
		Operating ambient temperature	-25°C~60°C
		Dimensions (W*H*D)	1174*814*400 mm
		Weight	170 kg
	Safety/EMC standard		IEC/EN 62109-1/-2, IEC/EN 61000-6-2/-4, EN 55011

PowerMod Containers

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Product Model	PowerMod-1600	PowerMod-2000	PowerMod-2500
Cell type	LFP 314/315 Ah		
System configuration	4P416S	5P416S	6P416S
Rated energy (BOL) at DC side	1671 kWh	2089 kWh	2507 kWh
System output voltage range	1164.8-1476.8 Vdc		
Rate for charging and discharging	≤0.5P		
Dimensions (W*D*H)	3360*2438*2896 mm		
Weight	17,400 kg	20,110 kg	22,790 kg
Ingress protection rating	IP55		
Anti-corrosion grade	C4/C5		
Operating ambient humidity	0%~95% (non-condensing)		
Operating ambient temperature	-20 °C~55 °C		
Maximum working altitude	4000 m		
Cooling method	Liquid-cooling		
Fire protection/safety features	Aerosol + combustible gas detection + ventilation + water extinguishing system		
Communication interface	LAN		
Communication protocol	Modbus TCP		
Certification	IEC62619, IEC63056, IEC62477, EN IEC61000, UL1973, UL9540A, UN38.3		

PowerCore Containers

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Product Model	PowerCore
Cell type	LFP 314/315 Ah
System configuration	12P416S
Rated energy (BOL) at DC side	5015 kWh
System output voltage range	1164.8-1476.8 Vdc
Rate for charging and discharging	≤0.5P
Dimensions (W*D*H)	20 ft (6058*2438*2896 mm)
Weight	43,000 kg
Ingress protection rating	IP55
Anti-corrosion grade	C4
Operating ambient humidity	0%~95% (non-condensing)
Operating ambient temperature	-20 °C~55 °C
Maximum working altitude	4000 m
Cooling method	Liquid-cooling
Fire safety equipment	Aerosol + combustible gas detection + ventilation + water extinguishing system
Communication interface	LAN
Communication protocol	Modbus TCP
Certification	IEC62619, IEC63056, IEC62477, EN IEC61000, UL1973, UL9540A, UN38.3

PowerM-Pro Containers



Technology with Spirit

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Product Model	Power M-Pro 2500/1000-400V	Power M-Pro 3300/1700-690V	Power M-Pro 3300/1700-800V
Cell type	LFP 314/315 Ah		
System configuration	8P312S	8P416S	
Rated energy	2507 kWh	3343 kWh	
System voltage range	873.6~1107.6Vdc	1164.8~ 1476.8Vdc	1206.4~1476.8Vdc
Rate for charging and discharging	≤0.5P		
PCS quantity	8		
DC input voltage range	615~1200V	1060~1500V	1200~1500V
Rated AC output voltage	400V	690V	800V
Max. output power	1100kW (8*137.5kW)	1892kW (8*236.5kW)	
Total current harmonic distortion (THD)	<3% (@rated power)		
Dimensions (W*D*H)	20ft.(6058 mm* 2896mm *2438 mm)		
Weight	<28t	<33t	
Ingress protection rating	IP55		
Anti-corrosion grade	C4(C5 customizable)		
Operating ambient humidity	0%~95% (non-condensing)		
Operating ambient temperature	-20 °C~55 °C (derated over 45°C)		
Max. operating altitude	4000m (derated over 2000m)		
Cooling method	Battery compartment: liquid-cooling / PCS: smart air cooling		
Fire safety equipment	Aerosol + combustible gas detection + ventilation + water extinguishing system		
Communication interface	LAN		
Communication protocol	Modbus TCP		
Certification	Battery rack: IEC 62619, IEC 63056, IEC 62477, EN IEC 61000, UL 1973, UL 9540A, UN 38.3 PCS: IEC 62477,EN IEC 61000		

Powering a Sustainable Future

VersaCharge Station

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T7 Standalone



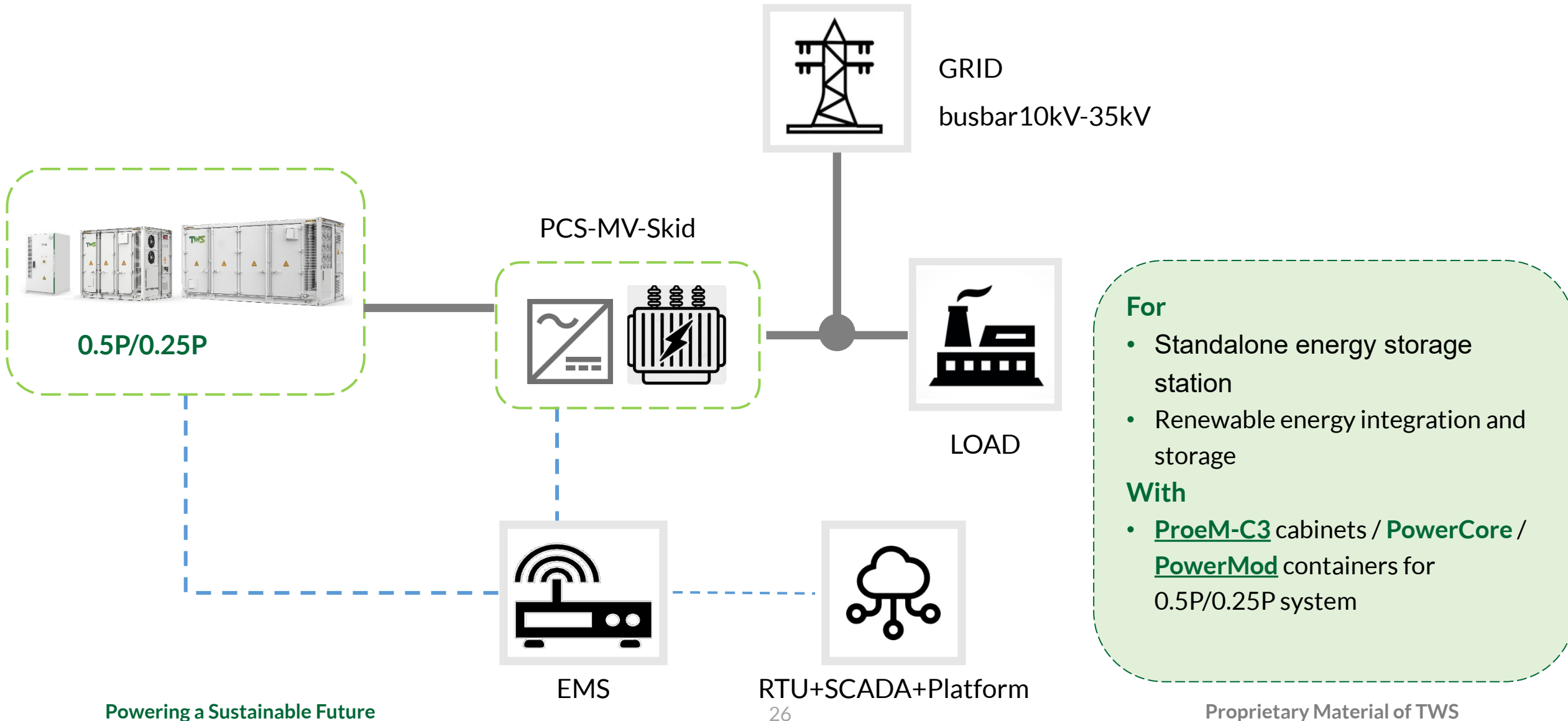
T9 Satellite



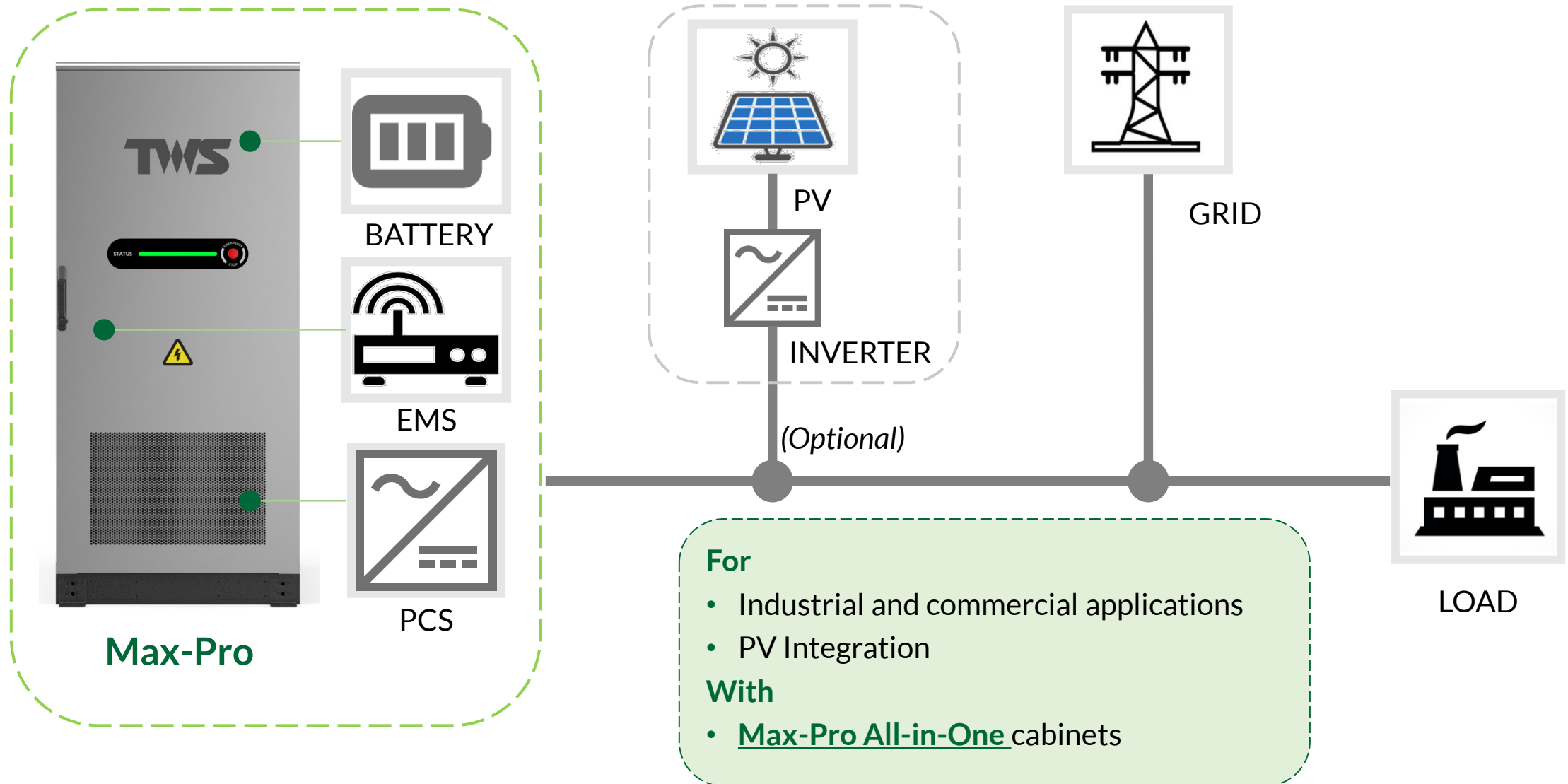
Powering a Sustainable Future

Product Model			T9: Satellite	T7: Standalone
Battery Side Parameters	Cell Parameters	Cell type	LFP 314Ah/315Ah	
	Rack Parameters	Rack battery configuration	1P312S	
		Rack rated energy	313.497kWh/314.496kWh	
		Standards	IEC 62619, IEC 63056, IEC 62477, EN IEC 61000, UL 1973, UL 9540A	
	Battery Compartment Parameters	System battery configuration	4P312S	
		System rated voltage	998.4V	
		System rated energy	1253kWh	
		DC voltage range	874Vdc~1108Vdc	
PCS Side Parameters		DC side voltage range	700Vdc~1500Vdc	
		Rated voltage	400Vac	
		Rated output power	4*125kW	
		Standards	IEC 62477, EN IEC 61000, IEC 62109, EN 50549, C10/11, VDE-AR-N 4110, VDE-AR-N 4120	
Charger Parameters		Configuration	Single power cabinet integrated in the container, external charging terminals with configurable quantity	2 integrated chargers fully built in the container
		Input voltage	400Vac±10% (3P4W)	
		Frequency	50Hz~60Hz	
		Rated power	480kW (CCS2)	240kW (CCS2)
		Power factor	≥0.99	
		Peak efficiency	≥96%	
		THDi	≤5%	
		Charging output	Dual-connector (air-cooled): 350A+350A	
		Terminal quantity	Up to 3	/
		Display screen	15-inch HD touch screen	
		Payment	RFID reader / QR code / Mobile APP / POS terminal (optional)	
		Protection rating	IP55/IK10	
		Standards	IEC 61851, IEC 61000, DIN 70121, ISO 15118	
		Communication protocols	OCPP1.6J, OCPP2.0.1	

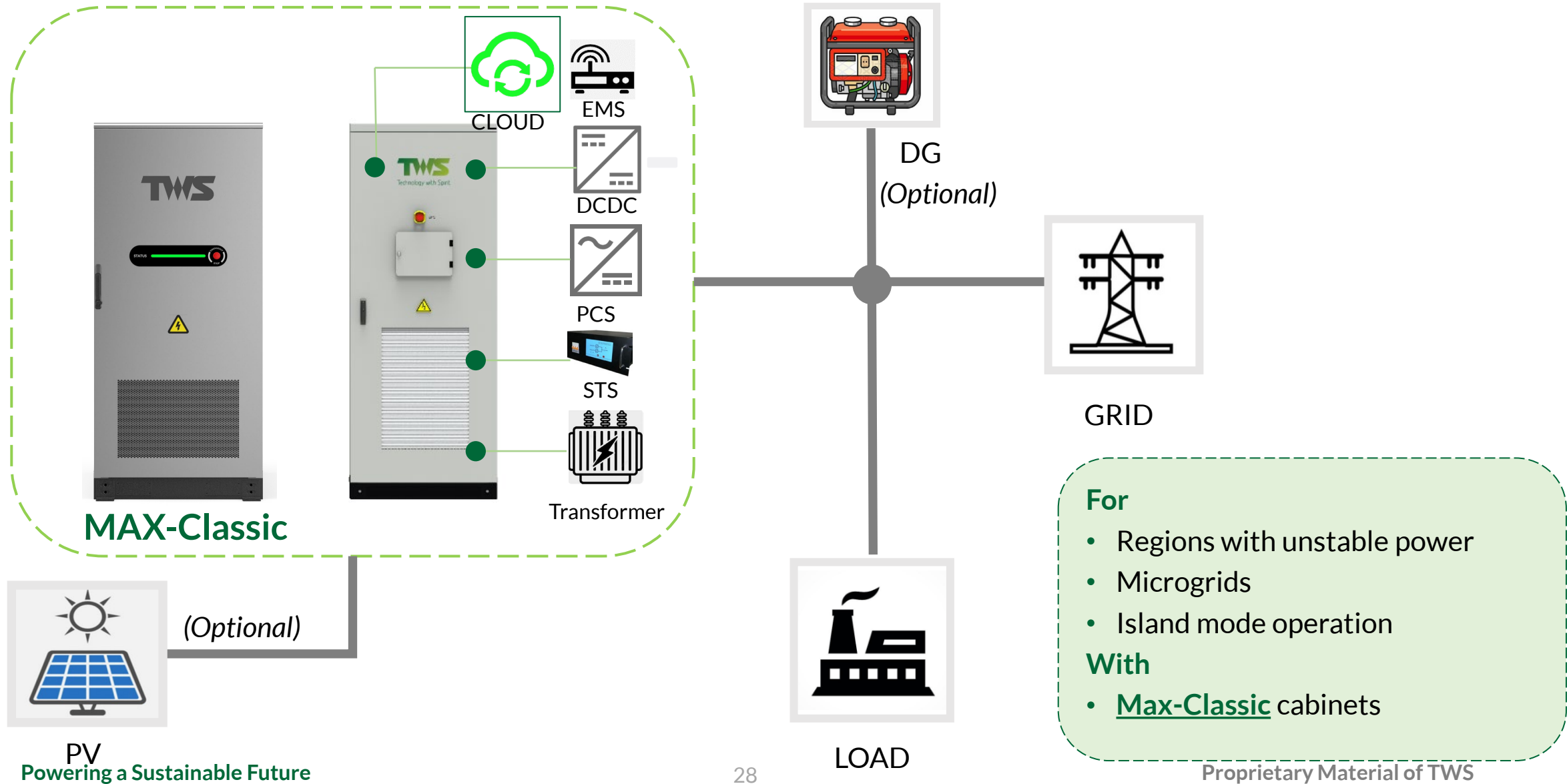
Solution 1: High-Voltage Grid-Connected Energy Storage



Solution 2: Low-Voltage Grid-Connected PV + Energy Storage



Solution 3: Low-Voltage Off-Grid & Micro-Grid Energy Storage Storage + PV + Diesel Generator



TWS ESS Services

*Comprehensive System
Solutions*

Field Survey & Consultation

Technical Support & Training

Warehousing & Logistics

After-sales Service



TWS Technical Services

Consulting Services

- *Solution design and optimization*
- *Existing system diagnostics*
- *Profitability analysis*
- *Case studies*

O&M for TWS Equipment

- *Cloud platform regular inspections*
- *Fault recovery*
- *Equipment maintenance*

O&M for Third-party Equipment

- *Fault recovery*
- *System upgrades*
- *Equipment maintenance*





3

Featured Projects

TWS ESS in place: Deployed, Energized, Global

 USA

TWS ESS solutions serve in:

- State Power Plants
- State Grid
- Manufacturing
- Horticulture
- Agriculture
- Aquaculture
- Iron & Steel Groups
- Mining
- Wood Processing
- Wastewater Treatment Plants
- Commercial Complexes
- Laboratories
- Industrial Parks
- EV Charging Stations
- Electric Dredging Vessels
- Microgrid Systems

 Netherlands
 Belgium
 Switzerland
 Portugal
 Slovenia
 Bosnia
 Germany
 Romania
 Ukraine
 Turkey
 China
 Korea
 Japan
 India
 Vietnam
 Philippines
 Singapore
 Mozambique
 Madagascar
 South Africa
 Australia



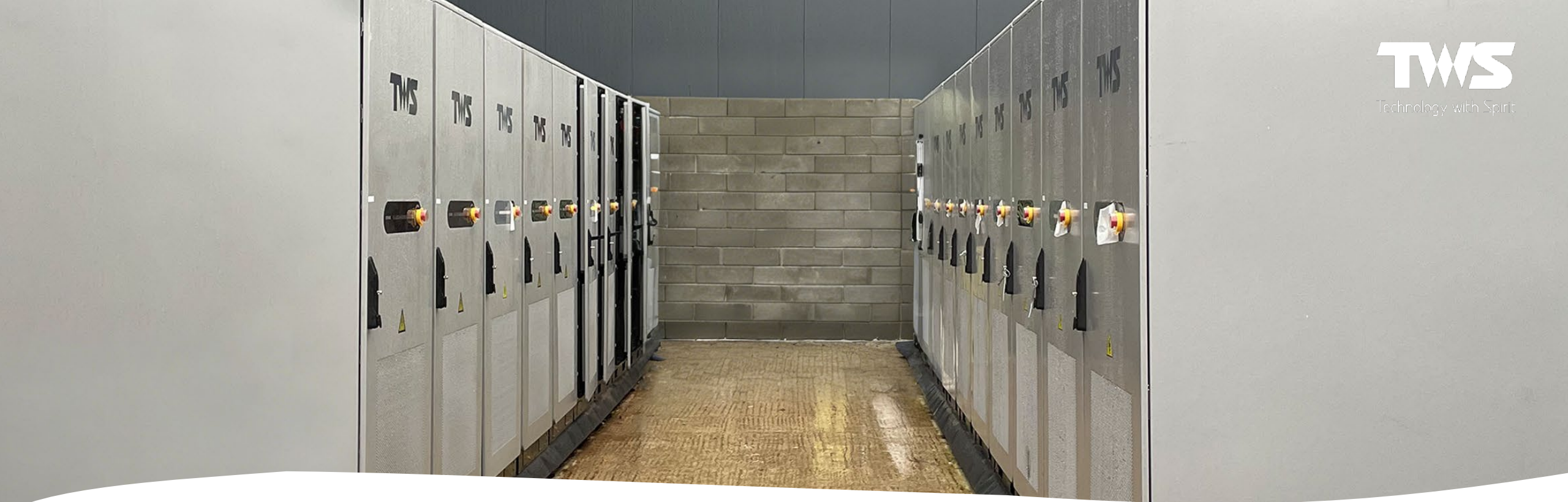
1.725 MW/ 5 MWh The Netherlands

Delivery time: 2025
Application: Horticulture
on/off switch + energy arbitrage with PV
ESS product: PowerCore container



400 kW/ 978 kWh
The Netherlands

Delivery time: 2025
Application: Greenhouses
peak shifting
ESS product: ProeM cabinet



2.5 MW/ 5.24 MWh Belgium

Delivery time:	2025
Application:	Food processing demand management +energy arbitrage
ESS product:	Max-Pro cabinet



300 kW/ 978 kWh
The Netherlands

Delivery time: 2025
Application: Manufacturing
dynamic capacity expansion
ESS product: ProeM cabinet



500 kW/ 978 kWh The Netherlands

Delivery time: 2025
Application: Municipal sewage treatment plant
peak shifting
ESS product: ProeM cabinet

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Proprietary Material of TWS



3.75 MW/ 7.45 MWh
The US

Delivery time: 2025
Application: Precision Manufacturing
Backup power
ESS product: ProeM cabinet



500 kW/ 1.956 MWh
The US

Delivery time: 2025
Application: Automotive components manufacturing
PV+ESS, electricity cost reduction
ESS product: ProeM cabinet



4.7 MW/ 5.9 MWh South Africa

Delivery time: 2024

Application: Ostrich farming, PV+ESS, 35 kV access,
automatic on/off-grid switching

ESS product: ProeM cabinet

[Click to know more details](#)

Proprietary Material of TWS



South Africa 500 kW / 1.05 MWh

Delivery time:

2026

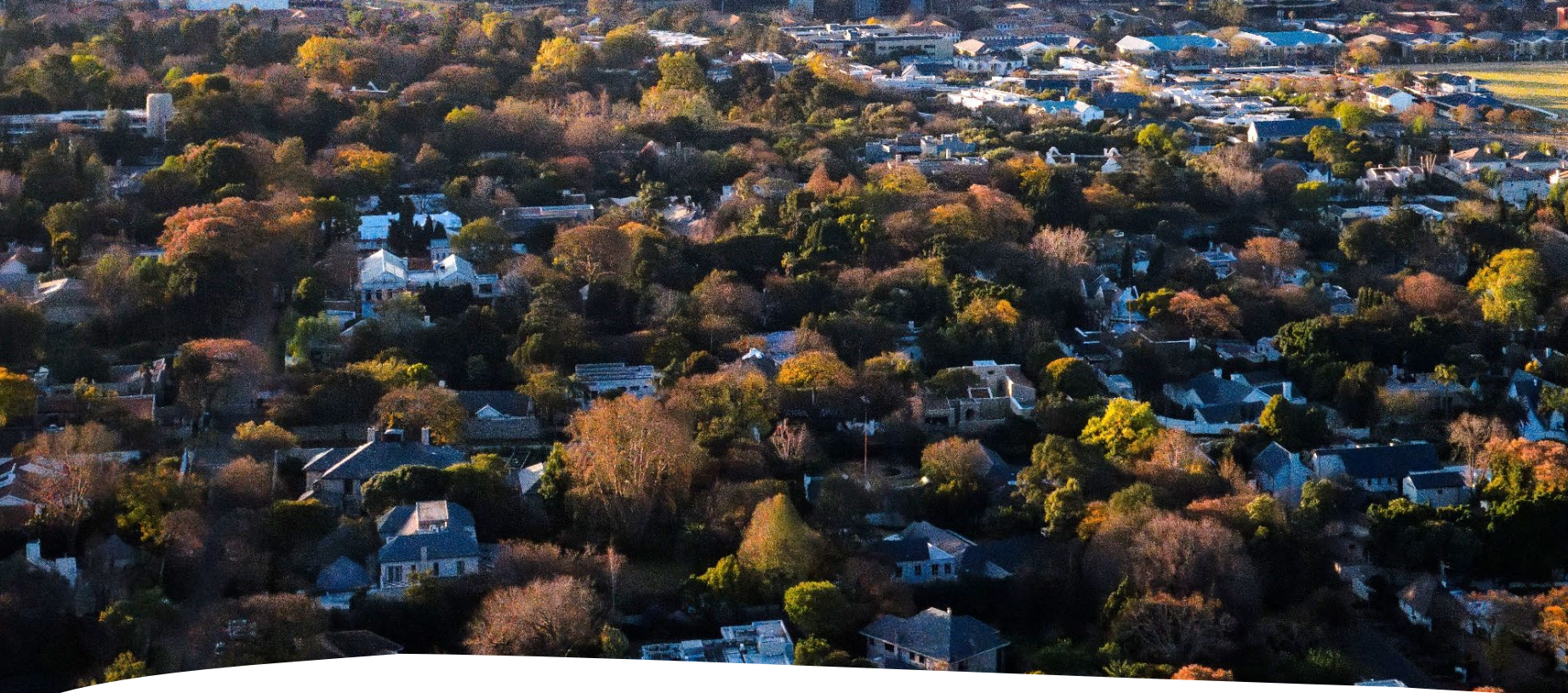
Application:

Commercial & Industrial Site

Mitigating voltage fluctuations, peak-valley arbitrage, ensuring continuous uninterrupted operations

ESS product:

Max-Pro cabinet



South Africa 250 kW/ 524 kWh

Delivery time: 2026

Application: Commercial Operations

Enhancing energy resilience, optimizing power usage, and supporting reliable commercial operations

ESS product: Max-Pro cabinet



1.63 MW/ 3.4 MWh The Balkan Peninsula

Delivery time: 2025
Application: Industrial site
PV+ESS
ESS product: Max-Pro cabinet



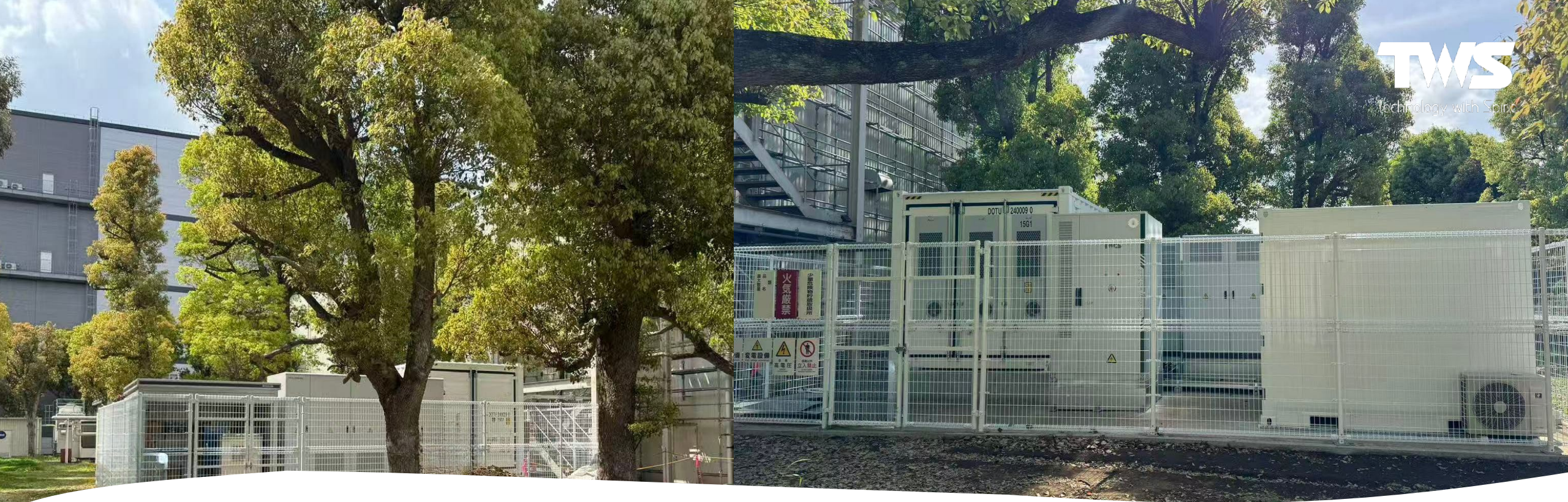
2 MW/ 4.176 MWh
Korea

Delivery time: 2025
Application: Wind power plant
dynamic frequency regulation
ESS product: ProeM cabinet



2MW/ 6.7 MWh
Japan

Delivery time: 2025
Application: Utilities
PV power plant
ESS product: ProeM cabinet



Japan
186 kWh

Delivery time: 2026
Application: Manufacturing
Peak shifting, DC Coupled System
ESS product: ProeM cabinet



1 MWh Japan

Delivery time:	2025
Application:	Electric dredging vessel , backup power generator configuration & operation time reduction
ESS product:	RACK



125 kW/ 262 kWh
Vietnam

Delivery time: 2025
Application: Manufacturing
dynamic capacity expansion
ESS product: MU series cabinet



125 kW/ 262 kWh
Hanoi

Delivery time: 2025
Application: Manufacturing (Filtration & Purification Systems)
Peak shifting
ESS product: Max-Pro Cabinet



125 kW/ 262 kWh
Vietnam

Delivery time: 2026
Application: Municipal Building
low-carbon power supply
ESS product: Max-Solaris cabinet



1.89 MW/ 3.845 MWh
Hong Kong

Delivery time: 2025
Application: EV charging station
ESS product: MU series cabinet

[Click to know more details](#)

Proprietary Material of TWS



1.2MWh Huaibei

Delivery time: 2023

Application: ESS+PV+ EV charging+diesel generator,
automatic on/off-grid switching

ESS product: ProeM cabinet

Some Projects in China

Generation Side

Tibet 180 MWh Project



China's first ESS deployment at 4,700 m altitude

Grid Side

Jiangsu 450 MWh Project



The largest string-type ESS power station in China

User Side

Jiangsu 123 MWh Project



Steel Manufacturing

Some C&I Projects in China



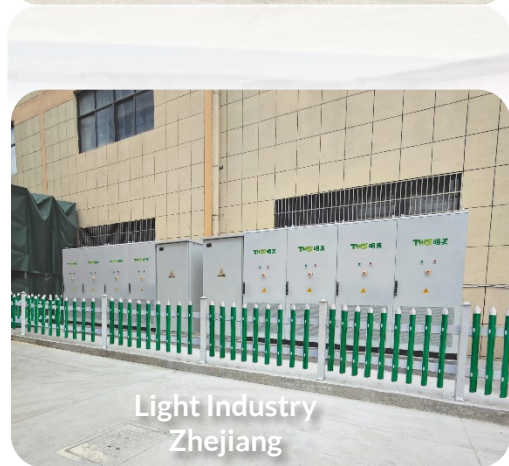
P10 Cabinets



105 kW/215 kWh per Cabinet:



Peak shifting, Emergency Backup Power



Powering a Sustainable Future

Proprietary Material of TWS

The background is a solid light green color. Overlaid on this is a faint, complex wireframe pattern that resembles a globe or a network map. This pattern consists of numerous small black dots connected by thin green lines, forming a mesh of polygons. Scattered throughout the background are several larger, semi-transparent green geometric shapes, including triangles and quadrilaterals, some of which appear to be floating or attached to the wireframe. The overall aesthetic is modern and technological.

TWS

Technology with Spirit