

Full-Industry-Chain IoT Charging Equipment

Multi-Charging Solutions Provide



Passenger car
Construction machinery vehicles
Construction machinery vehicles
Port vessels



Household areas, shopping malls
Residential public charging station
All kinds of projects



Cities and Towns
Deserts, rugged mountainous areas
Extremely cold regions

Full Vehicle Model Matching

Full-scene Coverage

All-terrain Conquest

50V-1500V	30kW-3MW	30A-3000A
Voltage Range	Power Range	Current Range

Tratou Commercial Brokers CO. L.L.C

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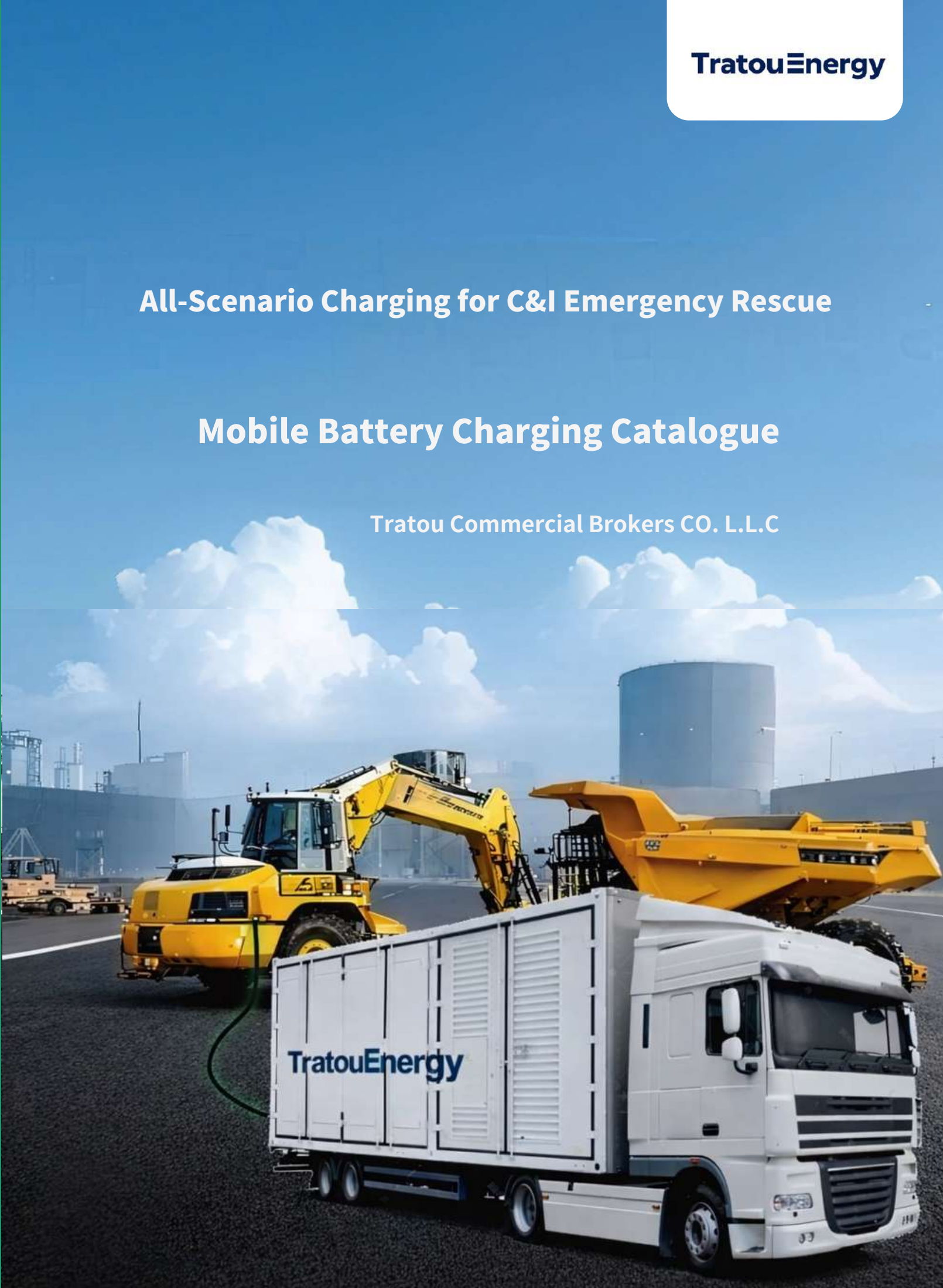
TratouEnergy
Website



All-Scenario Charging for C&I Emergency Rescue

Mobile Battery Charging Catalogue

Tratou Commercial Brokers CO. L.L.C





Tratou Energy powered by Tratou Commercial Brokers CO. L.L.C is an emerging clean energy technology company focused on redefining how electricity is generated, stored, transported, and delivered. Founded with the mission to make power universally accessible without dependence on fixed grid infrastructure, the company specializes in portable, mobile, and containerized energy storage and charging solutions. Headquartered in the United Arab Emirates and strategically positioned to serve the Middle East, Africa, Asia, Europe, America and other high-growth emerging markets, Tratou Energy addresses critical challenges such as grid instability, energy access gaps, rapid electrification, and the transition away from diesel-based power. The company operates with a strong emphasis on sustainability, scalability, and rapid deployment, enabling clean energy access for applications where conventional infrastructure is either unavailable, unreliable, or economically unviable.

At the core of Tratou Energy's capabilities is its expertise in Battery Energy Storage Systems (BESS) and Electricity-as-a-Service (EaaS) models. The company designs, integrates, and deploys mobile and containerized BESS units ranging from small portable systems to grid-scale containers capable of high-power output. These systems are engineered to support mobile EV charging, off-grid electrification, temporary power, emergency energy supply, and industrial energy backup, with seamless integration into renewable sources such as solar and wind. Tratou Energy's product portfolio includes trailer-mounted and truck-mounted energy storage systems, portable fast-charging stations, containerized energy hubs, and hybrid renewable power units. Through strategic manufacturing partnerships and a modular design philosophy, the company ensures high performance, rapid scalability, and adaptability across diverse environments, including construction sites, mining operations, ports, logistics hubs, disaster-relief zones, and remote communities.

Tratou Energy operates a flexible, asset-backed business model that combines direct sales, leasing, rental, and pay-per-use energy services, enabling customers to adopt clean power solutions with minimal upfront capital expenditure. The company is actively building a global ecosystem of channel partners, EPC firms, fleet operators, and renewable energy developers to accelerate market penetration and deployment. Looking ahead, Tratou Energy is developing advanced platforms that integrate carbon credit monetization, energy data transparency, and future peer-to-peer energy trading, aligning with global decarbonization goals and ESG frameworks. By combining mobile energy infrastructure with digital energy intelligence, Tratou Energy aims to become a leading player in the global transition toward distributed, flexible, and sustainable power systems, delivering reliable electricity wherever and whenever it is needed.

106kWh / 80kW

Mobile BESS & Charging Station



261kWh / 120kW

Mobile BESS & Charging Station

Product Features

- 

High-Capacity
Energy
Storage
- 

Efficient
Charging
- 

Excellent
Environmental
Adaptability
- 

Safe & Durable

Application Scenarios

- 

Mobile Power
Supply
- 

Emergency
Rescue
- 

Electric Vehicles
& Engineering
Machinery
- 

Power Support
for
Engineering
Operations

Product Parameter

Product Specifications		
System parameter	Battery capacity	106kWh
	Full cabinet dimensions (W* D* H)	2100mm* 1310mm* 1550mm
	Full cabinet weight	≈ 1980kg
	Corrosion resistance grade	C4
	Levels of protection	IP54
	Operating ambient temperature	-10℃-50℃
	Work environment humidity	0~95%RH
	Fire Protection Configuration	Gas Bonding
	Temperature control method	Liquid cooling
	Charging method	Grid-connected AC/DC charging
	Discharge method	DC discharge/Off-grid AC discharge
	Type of shipping	Truckload/Trailer Roadbed Transport
	Is a charging gun included	Single gun 80kW
DC Side Parameters	Fit chassis	Optional trailer hitch
	Cell type	Lithium iron phosphate 230Ah
	Burst mode	1P144S
	Voltage range	403.2-525.6V
Exchange parameters	Output rating	50kW
	Rated output voltage	230/400V
	Rated grid frequency (Hz)	50/60

Note: This describes a standard configurable configuration. Tratou Commercial Brokers is committed to continuous product improvement. This document is for reference only and is not a binding specification. Final specifications are solely defined by the executed procurement contract.

Product Features

- 

High-Capacity
Energy
Storage
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Efficient
Charging
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Excellent
Environmental
Adaptability
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Safe & Durable

Application Scenarios

- 

Mobile Power
Supply
- 

Emergency
Rescue
- 

Electric Vehicles
& Engineering
Machinery
- 

Power Support
for
Engineering
Operations

Product Parameter

Product Specifications		
System parameter	Battery capacity	261kWh
	Full cabinet dimensions (W* D* H)	2928mm* 1497mm* 1655mm
	Full cabinet weight	≈3440kg
	Corrosion resistance grade	C4
	Levels of protection	IP54
	Operating ambient temperature	-10℃-50℃
	Work environment humidity	0~95%RH
	Fire Protection Configuration	Gas Bonding
	Temperature control method	Liquid cooling
	Charging method	Grid-connected AC/DC charging
	Discharge method	DC discharge/Off-grid AC discharge
	Type of shipping	Truckload/Trailer Roadbed Transport
	Is a charging gun included	Dual Guns 120 kW (Single Gun 60 kW)
DC Side Parameters	Fit chassis	Optional trailer hitch
	Cell type	Lithium iron phosphate 314Ah
	Burst mode	1P260S
	Voltage range	728-949V
Exchange parameters	Output rating	105kW
	Rated output voltage	230/400V
	Rated grid frequency (Hz)	50/60

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431kWh / 320kW
Mobile BESS & Charging Station



627kWh / 320kW
Mobile BESS & Charging Station

Product Features

- 

High-Capacity
Energy
Storage
- 

Efficient
Charging
- 

Excellent
Environmental
Adaptability
- 

Safe & Durable

Application Scenarios

- 

Mobile Power
Supply
- 

Emergency
Rescue
- 

Electric Vehicles
& Engineering
Machinery
- 

Power Support
for Engineering
Operations

Product Parameter

Product Specifications		
System parameter	Battery capacity	431kWh
	Full cabinet dimensions (W* D* H)	3205mm* 1740mm*2117mm
	Full cabinet weight	≈5990kg
	Corrosion resistance grade	C4
	Levels of protection	IP54
	Operating ambient temperature	-10℃-50℃
	Work environment humidity	0~95%RH
	Fire Protection Configuration	Gas Bonding
	Temperature control method	Liquid cooling
	Charging method	Grid-connected AC/DC charging
	Discharge method	DC discharge/Off-grid AC discharge
	Type of shipping	Truckload/Trailer Roadbed Transport
	Is a charging gun included	Dual Guns 320 kW (Single Gun 160 kW)
	Fit chassis	Optional trailer hitch
DC Side Parameters	Cell type	Lithium iron phosphate 324Ah
	Burst mode	2P208S
	Voltage range	582.4-759.2V
	Output rating	105kW
Exchange parameters	Rated output voltage	400V
	Rated grid frequency (Hz)	50/60

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Product Features

- 

High-Capacity
Energy
Storage
- 

Efficient
Charging
- 

Excellent
Environmental
Adaptability
- 

Safe & Durable

Application Scenarios

- 

Mobile Power
Supply
- 

Emergency
Rescue
- 

Electric Vehicles
& Engineering
Machinery
- 

Power Support
for Engineering
Operations

Product Parameter

Product Specifications		
System parameter	Battery capacity	627kWh
	Full cabinet dimensions (W* D* H)	3205mm* 1740mm*2117mm
	Full cabinet weight	≈7690kg
	Corrosion resistance grade	C4
	Levels of protection	IP54
	Operating ambient temperature	-10℃-50℃
	Work environment humidity	0~95%RH
	Fire Protection Configuration	Gas Bonding
	Temperature control method	Liquid cooling
	Charging method	Grid-connected AC/DC charging
	Discharge method	DC discharge/Off-grid AC discharge
	Type of shipping	Truckload/Trailer Roadbed Transport
	Is a charging gun included	Dual Guns 320 kW (Single Gun 160 kW)
	Fit chassis	Optional trailer hitch
DC Side Parameters	Cell type	Lithium iron phosphate 314Ah
	Burst mode	3P208S
	Voltage range	582.4-759.2V
	Output rating	210kW
Exchange parameters	Rated output voltage	400V
	Rated grid frequency (Hz)	50/60

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863kWh / 640kW
Mobile BESS & Charging Station



1.29MWh / 1.2MW
Mobile BESS & Charging Station

Product Features

- 

High-Capacity
Energy
Storage
- 

Efficient
Charging
- 

Excellent
Environmental
Adaptability
- 

Safe & Durable

Application Scenarios

- 

Mobile Power
Supply
- 

Emergency
Rescue
- 

Electric Vehicles
& Engineering
Machinery
- 

Power Support
for
Engineering
Operations

Product Parameter

Product Specifications		
System parameter	Battery capacity	863kWh
	Full cabinet dimensions (W* D* H)	4508mm*2440mm*2591mm
	Full cabinet weight	≈ 11800kg
	Corrosion resistance grade	C4
	Levels of protection	IP54
	Operating ambient temperature	-10°C-50°C
	Work environment humidity	0~95%RH
	Fire Protection Configuration	Gas Bonding
	Temperature control method	
	Charging method	Liquid cooling
	Discharge method	Grid-connected AC/DC charging
	Type of shipping	DC discharge/Off-grid AC discharge
	Is a charging gun included	Truckload/Trailer Roadbed Transport
	Fit chassis	Two guns 640 kW (single gun 160 kW)
	Cell type	Optional trailer hitch
DC Side Parameters	Burst mode	Lithium iron phosphate 324Ah
	Voltage range	2P208S*2
	Output rating	582.4-759.2V
	Rated output voltage	210kW
Exchange parameters	Rated grid frequency (Hz)	400V
		50/60

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Product Features

- 

High-Capacity
Energy
Storage
- 

Efficient
Charging
- 

Excellent
Environmental
Adaptability
- 

Safe & Durable

Application Scenarios

- 

Mobile Power
Supply
- 

Emergency
Rescue
- 

Electric Vehicles
& Engineering
Machinery
- 

Power Support
for Engineering
Operations

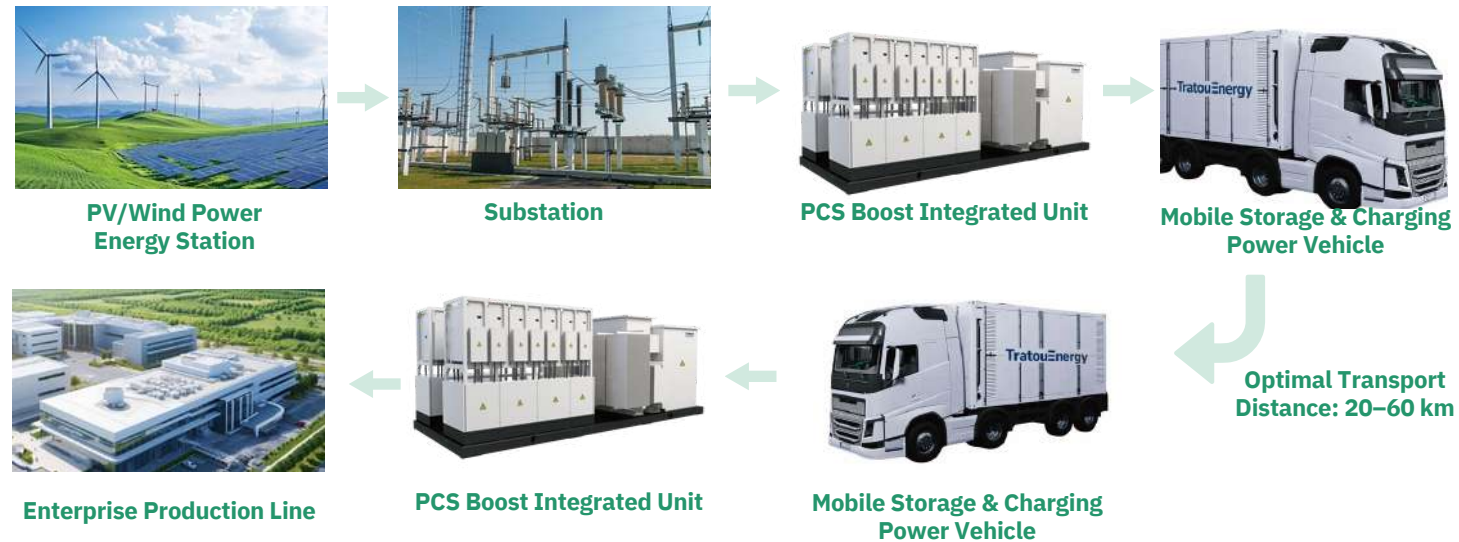
Product Parameter

Product Specifications		
System parameter	Battery capacity	1293kWh
	Full cabinet dimensions (W* D* H)	4508mm*2440mm*2691mm
	Full cabinet weight	≈ 14800kg
	Corrosion resistance grade	C4
	Levels of protection	IP54
	Operating ambient temperature	-10°C-50°C
	Work environment humidity	0~95%RH
	Fire Protection Configuration	Gas Bonding
	Temperature control method	
	Charging method	Liquid cooling
	Discharge method	Grid-connected AC/DC charging
	Type of shipping	DC discharge/Off-grid AC discharge
	Is a charging gun included	Truckload/Trailer Roadbed Transport
	Fit chassis	Six 1.2MW units (each 200kW)
	Cell type	Optional trailer hitch
DC Side Parameters	Burst mode	Lithium iron phosphate 324Ah
	Voltage range	3P208S*2
	Output rating	582.4-759.2V
	Rated output voltage	420kW
Exchange parameters	Rated grid frequency (Hz)	400V
		50/60

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Engineering Case Station Construction

Mobile Electricity Sales Application Scenarios



Application Scenarios for Diesel Generator Replacement

Mobile power vehicles can replace diesel generators in occasions that require environmental protection and low noise (such as municipal engineering, urban construction, indoor events, and emergency rescue, addressing the need for zero emissions and noise reduction.

Additionally, in scenarios like large construction sites and field exploration, mobile power vehicles can effectively replace diesel generators, significantly reducing usage and maintenance costs. They also offer advantages such as easy mobility and less susceptibility to international fuel price fluctuations.

Oil Fields, Mining, and Other Resource Extraction



Engineering Construction and Infrastructure



Emergency Repair and Disaster Relief Scenarios



Communication guarantee scenario



Municipal maintenance and public service scenarios



Distributed energy and microgrid scenarios



Application cases of mobile storage and charging integrated machines



After Sales Service
Commitment

Service
Capacity

 **Professional**
 **Service**

 **Energy
conservation**
 **Guarantee**



**Service
Model**

- ① **Free technical training**
- ② **Remote guidance + on-site service**
- ③ Business personnel and technical service staff form marketing offices in various regions, providing free technical training



**Accessory
Supply**

Damaged parts will be replaced first and then returned to ensure continuous operation of the equipment. The headquarters and offices have parts warehouses, and after-sales parts are sent and supplied in a timely manner



**Service
hours**

**7x24 hour online service
48 -hour problem-solving
response**



**After-sales
hotline**

+971-50-9676694

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