

New Energy Solar Storage, Charging and Swapping Overall Solution

Core Smart Charging Device Manufacturer / Charging Platform Software Developer / World-class Energy Service Provider



CONTACT US



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About Us

Shenzhen Hongjiali New Energy Co., Ltd. is a professional high-tech enterprise that integrates R&D production, sales and service. We are not only a factory of EV Charging Stations, but also committed to providing overall operation and charging solutions for electric vehicles, as well as the construction of charging facilities.

Production Workshop



2016 <small>Date of establishment (year)</small>	100,000,000 <small>Registered capital (CNY)</small>	200+ <small>Product type (model)</small>	300+ <small>Number of employees (person)</small>
>30% <small>Percentage of R&D engineers</small>	1,100,000,000 <small>Cumulative number of charges (kWh)</small>	30,000 <small>Production plant (m²)</small>	80+ <small>charging stations (seats)</small>

Corporate Culture



Corporate Vision
World-class energy service provider



Business Philosophy
Leading technology, infinite innovation



Corporate Philosophy
People-oriented and customer-focused



Quality Guidelines
Honesty and trustworthiness, quality first

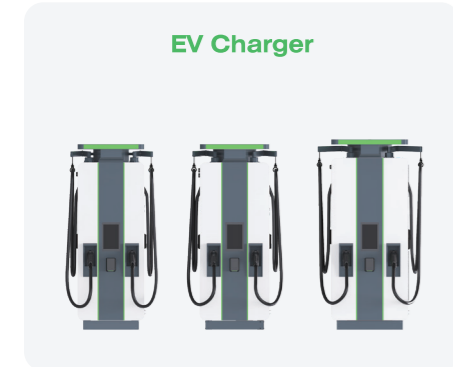
R&D 		
	sales 	
		production

Development Process

2016

Shenzhen Hongjiali New Energy Co., Ltd.

New Energy Solar Storage Charging and Discharging Solutions



2019

CCYD (Shenzhen) New Energy Industry Co., Ltd.

Investment and construction of new energy vehicle charging stations, operation services as well as charging ecology and value-added services;



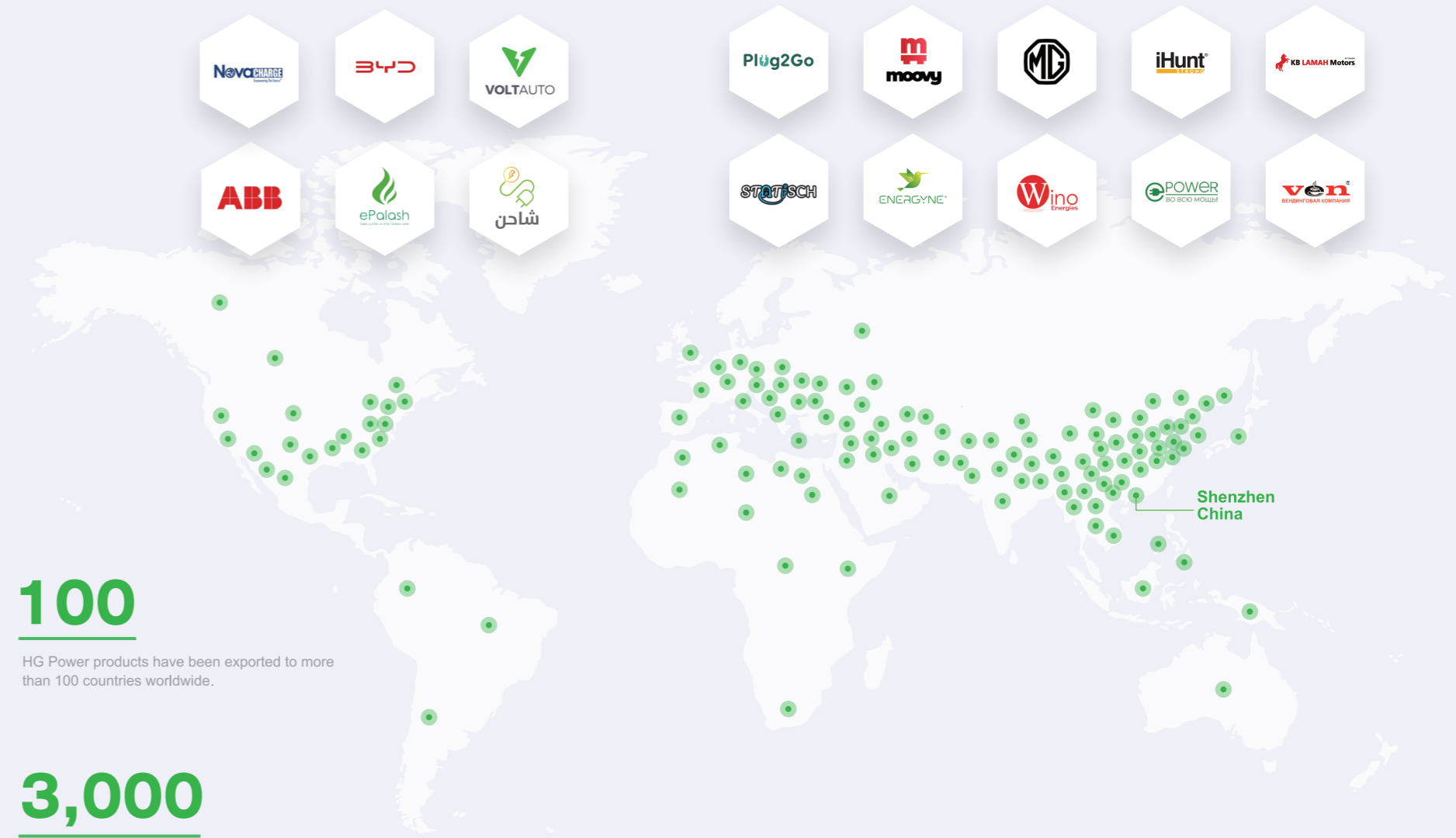
2023

HongjiaLi Energy Storage Technology (Shenzhen) Co., Ltd.

New energy storage related products, to provide customers with professional Solar storage and charging integrated solutions, etc.;



Partners/Markets



Company Qualification

HG power has more than 100 certificates of various honours and qualifications, more than 40 product test reports, more than 20 computer copyright certificates, and more than 40 patents

40

Various product test reports

20

Computer copyright certificate

40

Various invention patent certificates



Production Lines

The R&D covers over 200 products, including: AC EV charger, DC EV charger, portable DC EV charger, split-type DC EV charger, liquid-cooled ultra-fast EV charger, advertising DC EV charger, electric bicycle charging and battery swap cabinets, commercial and industrial energy storage systems, mobile energy storage units, integrated photovoltaic-storage-charging systems, charging modules, and more.

200

Product Category

4

Production Line

3

Research Lab



Car charging product line



Solar storage and charging



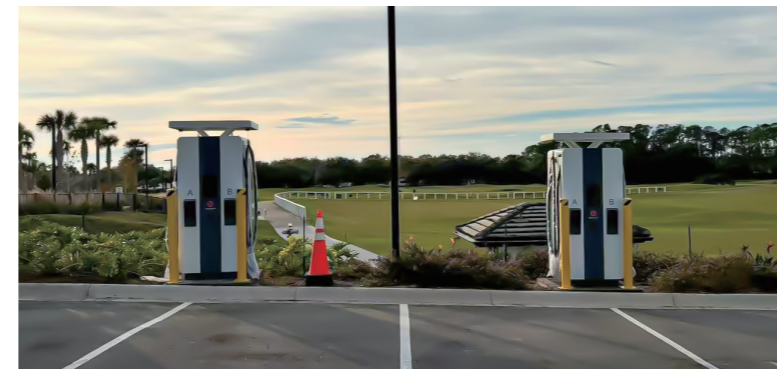
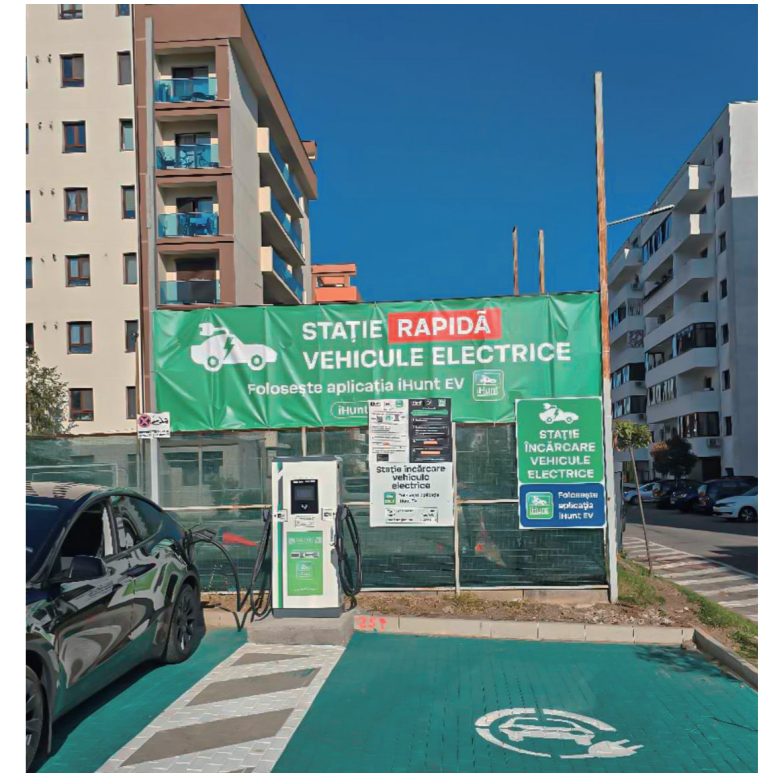
Two or three wheeler charging



Charging module



Case Scenario



Destination Charging Solution



Business Value-Added



Safe and Reliable



Smart O&M



Remote Dispatch



Application scenarios



Residential community



Office area



Business entity



Government unit

Application product

**7-42kW
AC Charger DC Charger**

AC: 7kW, 11kW, 22kW, 44kW,
DC: 20kW, 30kW, 40kW



Simple operation



Convenient charging



Operations management



Easy Payment



Stellar Series

Galaxy Series



Public charging solution



- High voltage compatibility
- Intelligent distribution
- Cold and heat resistant
- Efficient heat dissipation

Application scenarios



High-speed Service Area



Intercity supercharging station



Logistics park



Heavy truck dedicated station

Application product

40-480kW Integrated DC Charger

40kW, 60kW, 80kW, 120kW, 160kW, 180kW, 200kW, 240kW, 360kW, 480kW

- Multiple options
- Wide compatibility
- Multiple protections
- Smart and friendly

180-2000kW Separated-type DC Charging Station

180kW, 240kW, 360kW, 400kW, 480kW, 600kW, 720kW, 960kW, 1040kW, 1200kW, 1600kW, 2000kW

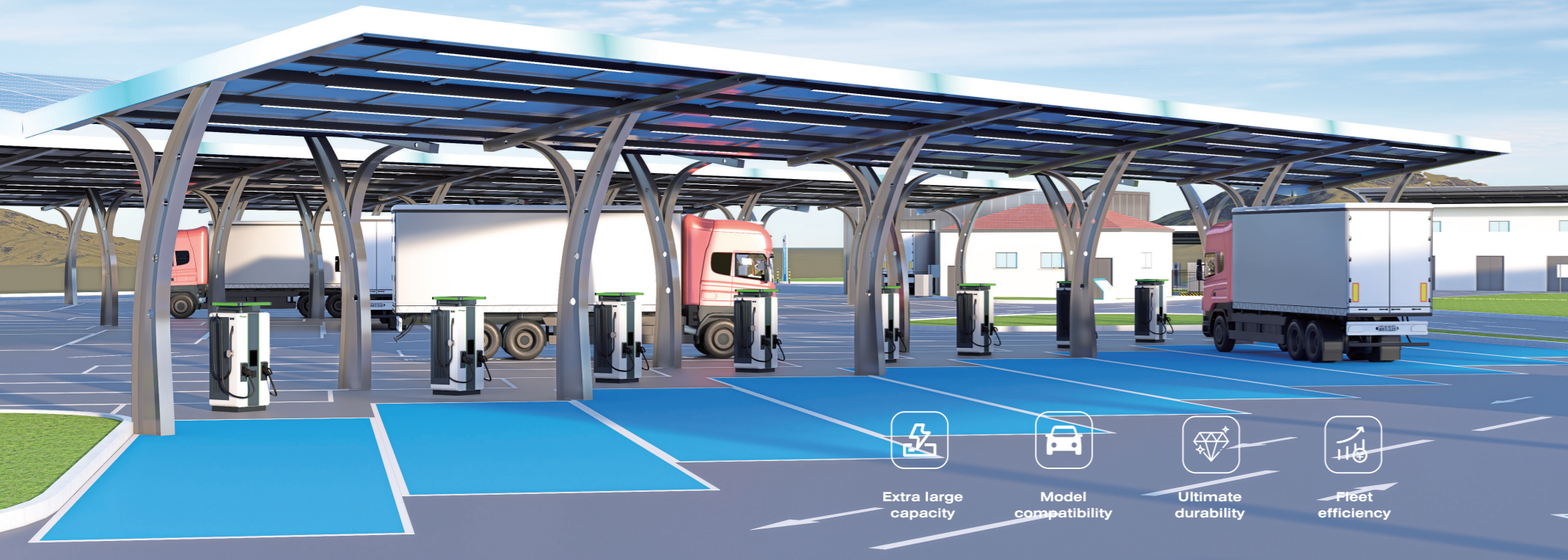
- Ultra high power
- Charge faster
- Host separation
- Flexible configuration



Genesis Series

Aurora Series

Heavy truck charging solution



- Extra large capacity
- Model compatibility
- Ultimate durability
- Fleet efficiency

Application scenarios



Logistics park



High speed service area



Mining construction site



Port terminal

Application product

200-480kW Integrated DC Charger

200kW, 240kW, 360kW, 480kW



Multiple options



Wide compatibility



Multiple protections



Smart and friendly



Cool off quickly



Charge faster



Reduce noise



Flexible configuration

2600kW Split Supercharged Reactor

2000kW, 2200kW, 2400kW, 2600kW



Genesis Series

Aurora Series

Full Liquid-Cooled Charging Solution



- Extra large capacity
- Model compatibility
- Ultimate durability
- Fleet efficiency

Application scenarios



Logistics park



High speed service area



Mining construction site



Port terminal

Application product

720-1040kW Liquid-Cooled Super Charging

720kW, 840kW, 960kW, 1040kW



Cool off quickly



Charge faster



Reduce noise



Flexible configuration

160-480kW Liquid-Cooled Super Charging

160kW, 180kW, 240kW, 360kW, 480kW



Multiple options



Wide compatibility



Multiple protections



Smart and friendly



- CCS1
- CCS2
- GBT
- CHAdemo
- NACS

Deepsea Series

- CCS1
- CCS2
- GBT
- CHAdemo
- NACS

Glacier Series

Solar storage and charging solutions



- Green Power Efficient
- Cost reduction and efficiency
- Peak load shaving
- No worry about power cuts

Application scenarios



Application product

261kWh/125kW Energy Storage

- Efficient heat dissipation
- Ultra-large capacity
- Intelligent management
- Friendly interaction

120-480kW Integrated DC Charger

120kW, 160kW, 240kW, 360kW, 480kW

- Multiple options
- Wide compatibility
- Multiple protections
- Smart and friendly



Ark Series

Genesis Series

Integrated Solar-Storage-Charging Solution



- Clean energy
- Zero carbon emissions
- Off-grid power supply
- Intelligent dispatching

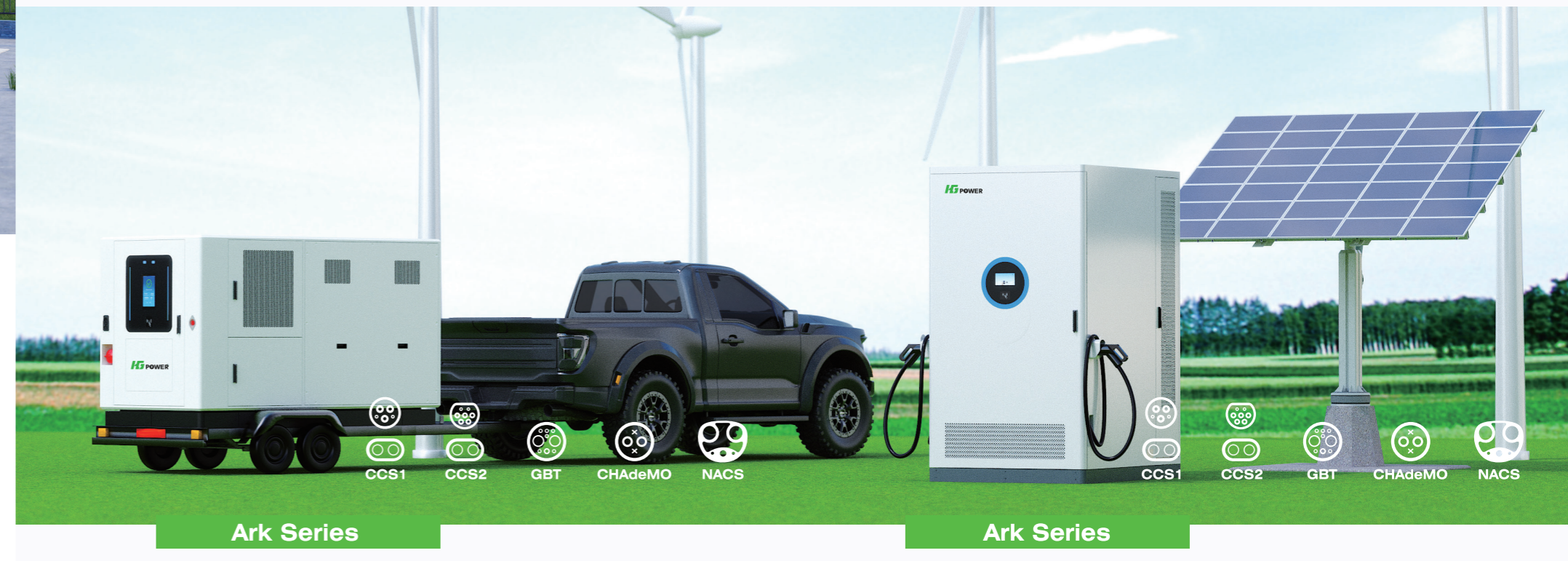
Application product

210kWh/180kW 75kWh/60kW
Transportable ESS Charger

261kWh/120kW 208kWh/120kW
Storage-Charging All-in-One System

- Extra large capacity
- Flexible deployment
- Storage Charging
- Cost reduction and efficiency
- Efficient heat dissipation
- Ultra-large capacity
- Intelligent management
- Storage Charging

Application scenarios



Ark Series

Ark Series

- CCS1
- CCS2
- GBT
- CHAdeMO
- NACS

Application product

1828kWh/960kW Solar-storage-charging equipment



Modular Design



High Integration



High adaptability



Flexible switching



Ark Series

Application product

1519kWh/800kW Transportable ESS Charger



Extra large capacity



Flexible deployment



Storage Charging



Cost reduction and efficiency



Ark Series

Green Construction Power Solution

Solar-Diesel-Storage Solution



Green Power Efficient

Cost reduction and efficiency

Peak load shaving

Intelligent regulation

Application scenarios



Construction Sites



Open-pit Mines



Field Engineering Projects



Emergency Rescue

Application product

261kWh/125kW
Solar-Diesel-Storage Integrated Unit

110kWh/50kW
Solar-Diesel-Storage Integrated Unit



Energy Dispatch



PV Priority



Highly Integrated



eco-friendly



Energy Dispatch



PV Priority



Highly Integrated



eco-friendly



CCS1

CCS2

GBT

CHAdeMO

NACS

CCS1

CCS2

GBT

CHAdeMO

NACS

Green Construction Power Solution

V2V Charging Solution / Sequential Rotational Charging Solution



- Emergency Rescue
- Outdoor Power Supply
- Rapid Deployment
- Energy Dispatch

Application scenarios



Application product

240kW/320kW
DC/DC Charging Station

- Emergency Rescue
- Outdoor Power Supply
- Rapid Deployment
- Energy Dispatch

240kW/320kW
Split-type Rotary Charging

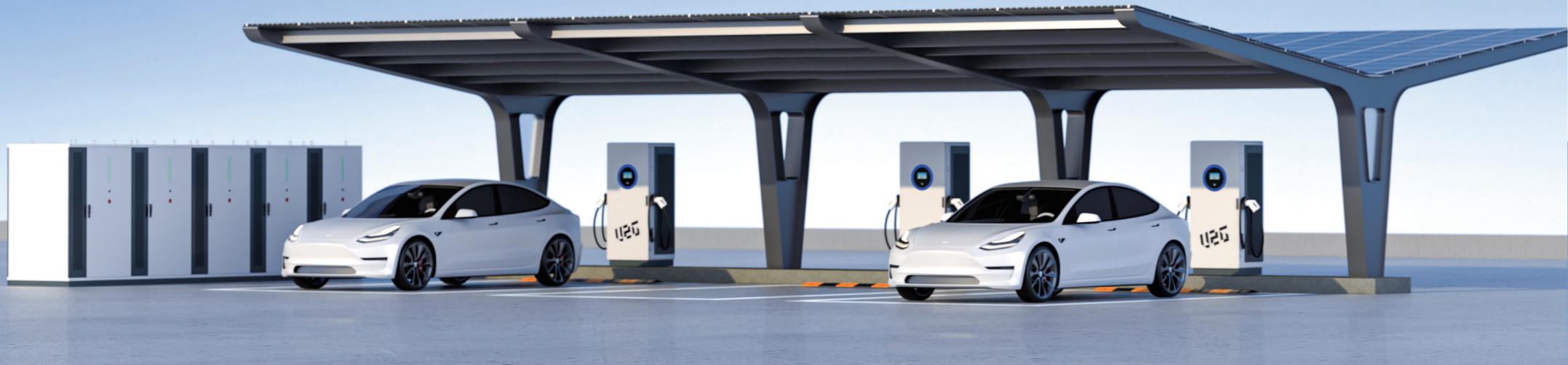
- Zero site modification
- Power Supply Safety
- Intelligent Scheduling
- Efficiency Cost Savings



- CCS1
- CCS2
- GBT
- CHAdeMO
- NACS

V2G Bidirectional Charging & Discharging Solution

- V2G interaction
- Peak and valley adjustment
- Energy synergy
- Enhance returns



Application scenarios



Application product

20-2600kW 20kW, 40kW, 60kW, 80kW, 120kW, 360kW, 480kW, 720kW, 960kW, 1040kW, 1280kW, 1440kW, 1600kW, 1920kW, 2600kW.
Bidirectional Charging and Discharging Equipment

- Two-way conversion
- Voltage compatibility
- Grid support
- Remote management



V2G Series

- CCS1
- CCS2
- GBT
- CHAdeMO
- NACS

Smart Charging Cloud Management System

- ▶ Total charging capacity: 1.14 billion kWh
- ▶ Total charging cost: 1 billion yuan
- ▶ Daily average charging capacity: 800,000 kWh
- ▶ Real-time online users: 2.5 million people
- ▶ Total power: 300 MW
- ▶ Total number of charging guns: 33,000
- ▶ Total number of stations: 2,500
- ▶ Cities covered: 312



Mobile Client End

- ▶ Ecological Synergy
- ▶ Closed-loop management
- ▶ Data Interoperability



Global After-Sale Infrastructure

HG Power boasts a dedicated R&D and after-sales service team capable of promptly addressing service inquiries through remote diagnostics, precise problem identification, and technical resolution. HG Power's service network spans key global regions, including North America, Europe, Asia-Pacific, Latin America, and IMEA (India, Middle East, and Africa).



Global Rapid
Res ponse



Remote Technical
Services



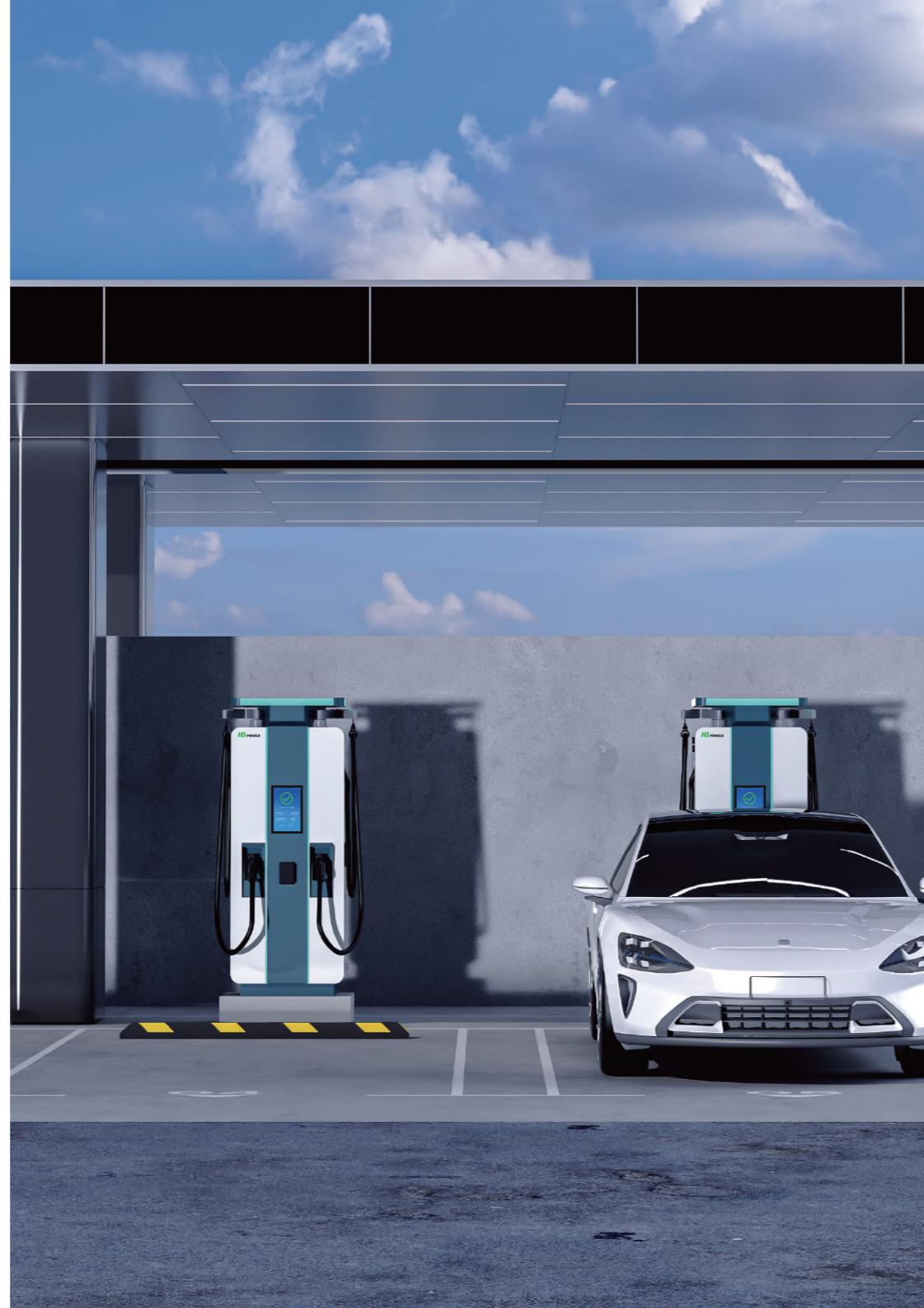
Official OEM
Parts



Professional
System Training

Megawatt Charging System (MCS)

HG Power is strategically advancing its technological frontier by developing a proprietary megawatt-level charging system. This cutting-edge solution is equipped with energy storage exceeding 1 megawatt and dispensers capable of delivering currents up to 1,500 amperes, leveraging advanced liquid-cooling technology. Specifically tailored for electric heavy-duty vehicles, the system aims to expand HG Power's charging infrastructure while meeting the growing demand for high-power charging solutions in the new energy vehicle sector.



Bi-Directional Power Transfer - V2X

HG Power's V2X technology is designed to establish an integrated energy network that facilitates power supply among households, grids, loads, and vehicles. It paves the way for dynamic energy trading and enhances intelligent energy management. By leveraging V2X, HG Power can harness renewable energy stored in electric vehicle batteries and redistribute it to various devices and networks, particularly during peak demand periods. This technology plays a pivotal role in optimizing peak load management, thereby improving efficiency, reducing household energy costs, and achieving significant energy savings.

