COMPLETE SOLUTION FOR CHARGING

FUREN HIGH-TECH

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COMPANY PROFILE

Jiangyin Furen High-Tech Co., Ltd. has long been committed to the energy retail terminal and is a national high-tech enterprise specializing in the manufacturing, system integration, engineering integration, and research and development, sales, promotion and application of smart solutions for oil, gas, hydrogen and electricity refueling and storage equipment. It has deeply integrated manufacturing and services and has been awarded the title of "Demonstration Enterprise of Service-oriented Manufacturing".

Furen High-Tech is dedicated to "building a better energy retail terminal" as its vision and takes it as its responsibility to promote industrial progress. It constantly improves its R&D level and product quality. The company adheres to the concept of "Innovation shapes the future, integrity builds brilliance" and is committed to providing customers with high-quality products and services.

2001-present

- Registered Capital: 105 Million CNY
- The Company Has More Than 600 Employees
- More Than 100 R&D Team
- More Than 400 Authorized Patents
- The Area Is 89000 m^2
- The Domestic Coverage Rate Is 100%
  Exported to more than 20 countries

DEVELOPMENT HISTORY

2001

· Establishment of the company

2002-2005

· The first refueling machine production line was completed.
· The first IC card refueling machine was successfully developed

2006-2010

· A new type of barrier explosion-proof jacking oil filling device has been put into the market
· China's first SF double-layer oil tank was unveiled

2011-2015

· The first filling machine was introduced

2016-2020

· The third generation of "full screen smart refueling machine" has been successfully developed.
· The first hydrogen refueling machine was launched.

2020 to present

· The first charging station was launched
· The new generation of methanol refueling machine was launched
· The first methanol refueling skid was launched
· The first mobile refueling robot was launched

ENTERPRISE HONOR

CERTIFICATE OF HONOR

QUALIFICATION CERTIFICATE

LETTER OF PATENT

CHARGING PILE
MODEL AND NAME

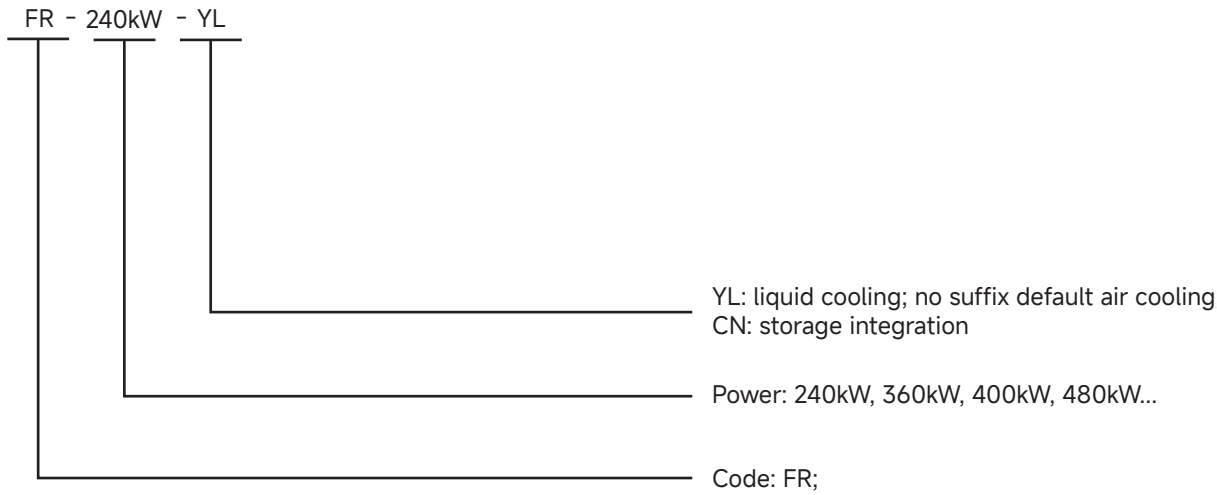
DC CHARGING PILE FOR ELECTRIC VEHICLES

FRGK - DC 01 - 15kW

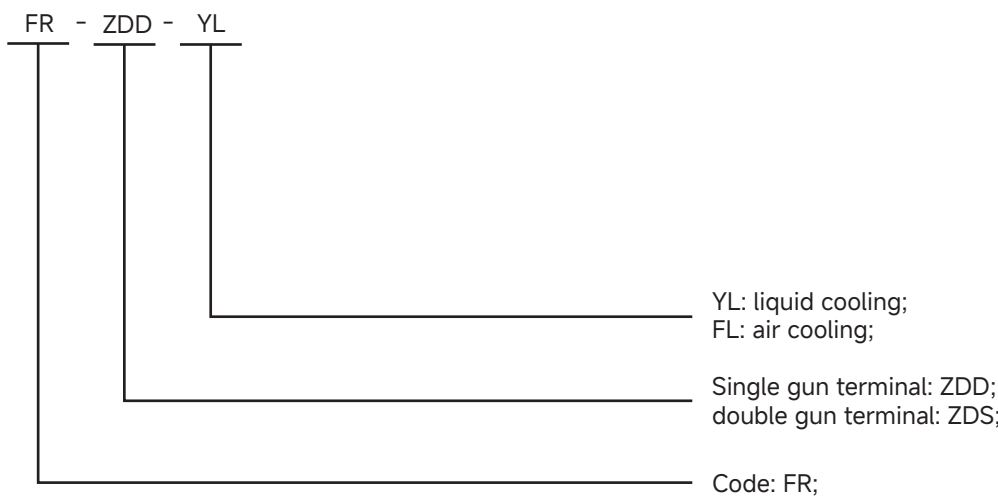
- Power: 15kW, 20kW, 30kW, 40kW, 80kW, 120kW, 160kW, 180kW, 240kW, 320kW...
- Style: 01...
- Current form: DC
- Code: FRGK;

CHARGING PILE MODEL AND NAME

ELECTRIC VEHICLE ON-BOARD CHARGER(SPLIT UNITS (STACKS))

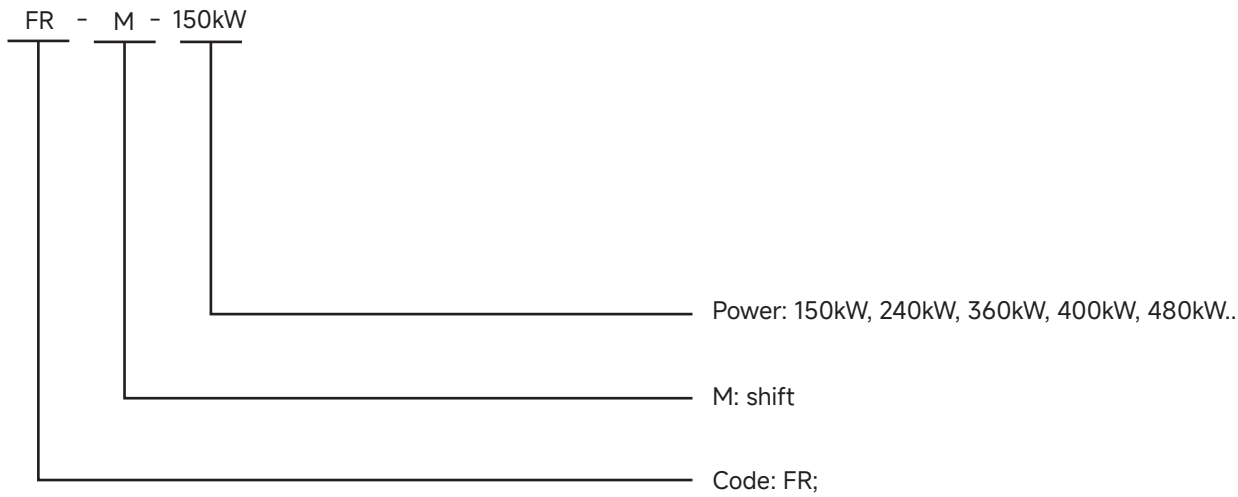


ELECTRIC VEHICLE ON-BOARD CHARGER(SEPARATE TERMINALS)

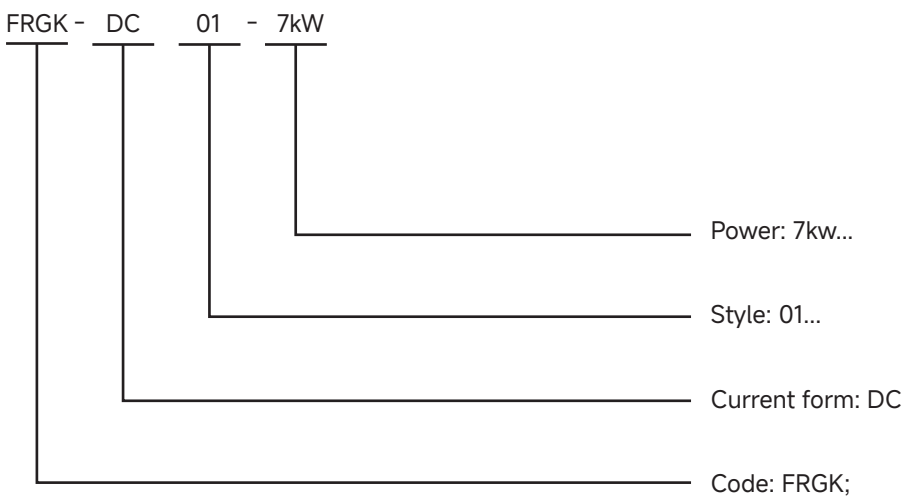


CHARGING PILE MODEL AND NAME

ELECTRIC VEHICLE ON-BOARD CHARGER(MOBILE STORAGE AND CHARGING)



AC CHARGING PILE FOR ELECTRIC VEHICLES



7 kW
AC Commercial Charger

Flexible Operation

- Compatible with all EV&PHEV Models
- Wall-mount/Pole-mount Installation
- Fast Installation in 20 minutes
- App Operation/RFID Authentication/Plug&Charge
- Commercial Use

Smart Charging

- Connectivity: Bluetooth/Wi-Fi/4G/Ethernet/RS485
- Dynamic Charging Power
- Automatic Adaptation between 1 Phase and 3 Phase
- Support Photovoltaic and Energy Storage Input
- OTA Updates
- OCPP1.6J(OCPP 2.0.1 Upgradable)
- Dynamic Load Balancing

High Reliability and Durability

- Multiple Layers of Security Protection
- Passed CE Certifications
- O-PEN Earth Fault Protection
- IP65 for Indoor or Outdoor Application
- Full Power Temperature between -30°C to +50°C

TECHNICAL PARAMETER

Product Model	FRGK-DC 01-7kW
Inputs and Outputs	
Power Supply	1P+N+PE
Input Voltage	230Vac±20%
Input Current	32A Max
Frequency	50Hz/60Hz
Output Voltage	230Vac±20%
Output Current	32A Max
Charge Power	7.4kW
Basic Attributes	
Charge Connector	IEC Type 2
Cable Length	5m
Wiring Type	Hardwired with 1m
Enclosure Material	PC
Installation	Wall-mount/Pole-mount
Colour	White
Interactive Interface	
Charger Status Indicator	RGB LED
RFID Reader	Mifare ISO/IEC 14443 A
Start Mode	RFID Card/App
Communication	
Bluetooth	✓
Wi-Fi	✓
4G	✓
Ethernet	✓
RS485	✓
Communication Protocol	OCPP1.6J(OCPP 2.0.1 Upgradable)
Safety	
Residual Current Protection	30mA Type A+6mA DC
Ingress Protection	IP65
Impact Protection	IK08
Fire Class	UL94V-0
Electrical Protection	Over Current Protection, Residual Current Protection, Surge protection, Over/Under Voltage Protection, Grounding Protection, Over Temperature Protection, Relay Sticking Protection, Flame Retardant Protection, Electrostatic Protection, Lightning Protection, O-PEN Earth Fault Protection
Certification	CE/RoHS
Certification Standard	EN IEC 61851-1:2019 IEC61851-1:2017 EN IEC61851-21-2:2021 IEC62955:2018
Warranty	2 Year
Operating Environment	
Operating Temperature	-30°C to 50°C
Operating Humidity	5% to 95%
Operating Altitude	2000m
Package	
Product Dimension	394mmx191mmx165mm
Package Dimension	601mmx427mmx180mm
Net Weight	5kg
External Package	Carton

20 kW
DC Charger

Flexible Operation
·Compatible with All EV&PHEV Models
·Compatible with Electric Boats
·Wall-mount/Pole-mount Installation
·App Operation/Plug&Charge

Efficient Charging
·Wide Voltage Range, Large Charging Current, Low Standby Power Consumption
·Reduced Charging Queue Time, Improved Operational Efficiency

Safe and Reliable
·Complete Protection to Meet the Latest National and Industry Standards
·1 Years Standard Warranty with Optional Extension up to 10 Years
·Independent Air Duct Cooling
·IP65 Enclousure Rating and C5-M Anticorrosion for Charging in Coastal Cities

User Friendly
·Compact Size
·Large LED Indicator for Easy Charging Status at a Glance
·Low Noise (≤ 45dB)
·UP to 10-meter Cable Allows Parking in Any Orientation

TECHNICAL PARAMETER

Product Model	FRGK-DC01-20kW
Inputs and Outputs	
Power Supply	3P+PE
Input Voltage	323-480Vac
Input Current	36A Max
Frequency	45-65Hz
THDi	⩽ 5%
Power Factor	⩾ 0.99@Rated Power
Output Voltage	200-1000Vdc
Output Current	67A Max
Charge Power	20kW
Peak Efficiency	96%
Standby Power Consumption	⩽ 8W
Basic Attributes	
Charge Connector	IEC 62196 CCS2
Cable Length	5m/10m
Wiring Type	Hardwired
Enclosure Material	Metal
Installation	Wall-mount/Pole-mount
Colour	Silver
Energy Meter	Built in IC Meter
Interactive Interface	
Charger Status Indicator	LED
RFID Reader	Mifare ISO/IEC 14443 A
Start Mode	Plug&Charge/RFID Card/App
Communication	
Bluetooth	✓
Wi-Fi	✓
4G	✓
Ethernet	✓
RS485	/
Communication Protocol	OCPP1.6J(OCPP 2.0.1 Upgradeable)
Safety	
Ingress Protection	IP65
Impact Protecti	IK10
Electrical Protection	Over Current Protection, Short Circuit Protection,Surge protection, Over/Under Voltage Protection, Over Temperature Protection, Electrostatic Protection, Lightning Protection
Certification	CE/RoHS
Certification Standard	EN IEC 61851-1:2019 EN IEC 61851-23:2014 EN IEC 61851- 24:2014 IEC 61851-1:2017 EN IEC 61851-21-2:2021 EN IEC 61000-6-1:2019 EN IEC 61000-6-3:2021
Warranty	2 Years
Operating Environment	
Operating Temperature	-40°C to 65°C (Above 55°C derating operation)
Humidity	5% to 95%
Altitude	2000m
Cooling method	Independent Airduct Cooling
Noise	⩽ 55dB, Quiet Mode ⩽ 45dB; 25°C
Package	
Product Dimension	695mmx405mmx190mm
Package Dimension	900mmx570mmx500mm
Net Weight	42kg
External Package	Carton

120-240kW

DC charge pile with two guns

The European Standard DC charging pile (DC Charging Station, CCS Combo 2) is a high-power fast charging device that complies with the European standard electric vehicle charging standards (IEC 61851, IEC 62196), and is designed to meet the efficient energy replenishment needs of electric vehicles (EV) in the international market.

High efficiency and fast charging

Supports high power output (typically 120kW-240kW) and can recharge 80% of the vehicle's battery in 20-30 minutes (related to the charging vehicle), significantly reducing the charging time.

Compatibility is strong

The CCS Combo 2 interface is adopted to be compatible with most European standard electric vehicles in the international market.

Intelligent management

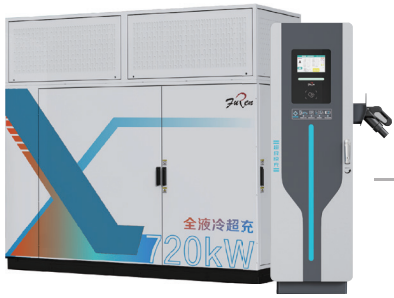
Integrated communication protocol (DIN 70121, ISO 15118-2), support OCPP1.6J / OCPP2.0.1, support user authentication, remote monitoring.

Safe guarding

It is in line with IP54 protection level, and has overvoltage, overcurrent, short circuit, leakage protection and temperature monitoring functions to ensure charging safety.

TECHNICAL PARAMETER

Product Model	FRDC-YZ6- EU120/1k	FRDC-YZ6-EU160/1k	FRDC-YZ6-EU200/1k	FRDC-YZ6-EU240/1k
Technical Specifications				
Power Rating	120kW	160kW	200kW	240kW
Display Mode	7 inch capacitive touch LCD			
Starting Mode	APP / RFID			
Communication Interface	Ethernet, WIFI, 4G			
Networking Protocol	OCPP1.6J / OCPP2.0.1			
Way To Install	console mode			
Size	730mm x 550mm x 1800mm (height excluding gun line manager)			
Weight	330kg	355kg	380kg	405kg
Defencive Function	Leakage, surge, emergency stop, access control, input over/under voltage protection, output over voltage protection, over temperature protection Short circuit protection, communication interruption protection, fan failure protection			
Calculate	Electric energy metering, accuracy 1%			
Attestation	overall unit CE			
Input Parameter				
Power Rating	120kW	160kW	200kW	240kW
Entry Method	3P+N+PE			
Input Voltage	Three-phase 400VAC±10%			
Service Frequency	45Hz ~ 65Hz			
Power Factor	≥ 0.98			
Productiveness	≥ 95%			
Out Parameter				
Output Voltage	DC200 ~ 1000V			
Output	0 ~ 300A			
Interface Type	CCS2 x 2			
Cable Length	5m			
Communicating Protocol	DIN 70121、ISO 15118-2			
Enviromental Parameter				
Working Temperature	-30°C ~50°C (full power); above 50 (reduced output)			
Storage Temperature	-40°C~ 70°C			
Heat Dissipation Method	forced air cooling			
Relative Humidity	≤ 95%			
Above Sea Level	≤ 2000m			
Noise	≤ 65dB			
Levels Of Protection	IP54 IK10			



720 kW

Full Liquid Cooling Supercharge

The FR-720KW model is a liquid-cooled ultra-fast charging device developed by Furun High-tech Co., Ltd., designed for new energy vehicles. Compared to traditional air-cooled integrated charging piles, it features a new liquid-cooling technology and a DC bus structure, which includes both the charger and the charging stack. The main unit handles energy conversion and power distribution, with a maximum power output of 720kw and support for up to 12 gun-line outputs. The terminal can be selected as either a liquid-cooled or air-cooled terminal.

Module Expansion, Future Empowerment

Modular design supports power and interface expansion, seamless upgrade, and is suitable for future needs such as electric heavy trucks and flying cars.

Lightweight And Easy To Deploy, Versatile In Scenarios

The liquid-cooled cable reduces the weight by 50%+, flexibly adapts to high-power scenarios such as high-speed supercharging stations and heavy truck power change, and doubles the deployment efficiency.

Intelligent Control For Energy Saving, Safe And Worry-Free

AI temperature control to prevent overheating, energy consumption reduced by 20%,7x24 hours of safe operation, so the failure rate is close to zero.

Intelligent Drive, Full Dimensional Compatibility

Remote control + power adaptive, intelligent matching of mainstream models such as Tesla and BYD, compatible with global 20+ charging protocols.

Extreme Cold, Long-Term Stability

The whole liquid cooling system has no fan design to reduce noise by 40dB, and precise temperature control to ensure the core life, and reliability is increased by 30%.

Ultra-Fast Charging, Breakthrough Efficiency

The ultra-high power of 720kW+ is suitable for high-voltage vehicle models with 1000V platform, which shortens the charging time and opens the era of "charging as refueling".

TECHNICAL PARAMETER

Product Model	FR-720kW(liquid cooling)
Essential Information	
Size Mm (Width * Depth * Height)	2300*2382*1100（mm）
Way To Install	On-site installation
System Effectiveness	Maximum efficiency 95.5%
Power Rating	720kW
Heat Dissipation Method	liquid cooling
Levels Of Protection	IP55
Support The Guns	4 - 12
Communication Interface	4G, network cable
Input Characteristics	
Input Voltage	380Vac±15%, three-phase five-wire system
Incoming Frequency	45Hz ～ 66Hz
Power Factor	≥ 0.99 (load ≥ 50%)
Harmonic Wave	Less than 5% (load greater than or equal to 50%)
Input Power Distribution	AC 800A × 3P circuit breaker
Output Characteristic	
Output Voltage	200-1000Vdc
Stability Accuracy	≤ ±1%
Stabilization Accuracy	≤ ±0.5%
Environment Pointer	
Working Temperature	-35°C ~+50°C
Storage Temperature	-35°C ~+70°C
Elevation	≤ 2000m
Relative Humidity	5%RH~95%RH
Noise Level	≤ 65 dB (25°C standard mode)
Product Specifications	
GB/T18487.1-2015, NB/T33001-2018, NB/T33008.1-2018	

Terminal	Single Gun Liquid Cooling Terminal	Single Gun Air-Cooled Terminal
Essential Information		
Size Mm (Width * Depth * Height)	675x580x1832	675x580x1832
Number Of Charging Guns	1	1
Gun Line Length	3.5m	5m
Way To Install	On-site installation	On-site installation
Levels Of Protection	IP55	IP55
Heat Dissipation Method	liqukd cooling	Natural cold
Environmental Requirements		
Working Temperature	-35 ～ +50°C	-35 ～ +50°C
Noise Level	≤ 55dB@25°C	≤ 55dB@25°C
Storage Temperature	-35°C ~+70°C	-35°C ~+70°C
Relative Humidity	5%RH ～ 95%RH	5%RH ～ 95%RH
Above Sea Level	≤ 2000m	≤ 2000m
Output Characteristic		
Output Voltage	200~1000Vdc	200~1000Vdc
Charging Current	Maximum 600A	250A
Product Specifications		
	GB/T27930-2015 JJG1149-2022	GB/T18487.1-2015 NB/T33001-2018 NB/T33008.1-2018 GB/T27930- 2015 JJG1149-2022
Safety Function		
Overvoltage protection, short circuit protection, continuous detection of protective grounding, overtemperature protection, emergency stop protection, leakage protection, insulation detection, door opening protection, power failure protection, battery reverse connection protection, contactor adhesion protection, low liquid level alarm		

240 kW

Intelligent storage integrated charging pile

FR-240kW-CN charging all-in-one machine is an intelligent device integrating energy storage and charging functions. It supports photovoltaic / grid energy storage and fast charge and discharge, and has intelligent scheduling, peak shaving and valley filling, V2G interaction functions, which are suitable for the fast charging needs of electric vehicles, improve power grid stability, high efficiency and energy saving, and flexible deployment.

Integrated design of the whole system

Energy storage + charging dual-function fusion, save space and operation costs, flexible to adapt to industrial and commercial, public facilities and other multi-scenario needs

Smart energy management

Photovoltaic energy storage linkage + peak and valley electricity price arbitrage, dynamic optimization of charging and discharging strategy, reduce electricity cost, improve energy income

Super fast charging experience

The high power output of 160~240kW, 4 parallel fast charging guns, compatible with mainstream models, and users have no waiting anxiety.

Smart Internet of Things scheduling

Lithium iron phosphate battery + intelligent temperature control system, IP54 protection + fire and explosion-proof design, life more than 10 years, stable operation in extreme environment.

Emergency power supply guarantee

The AI algorithm + remote monitoring platform supports V2G vehicle-network interaction, automatically responds to the peak regulation demand of the power grid, and enables the smart microgrid ecology.

TECHNICAL PARAMETER

Product Model	FR-240kW-CN
Essential Information	
Size Mm (Width * Depth * Height)	1511*1214*2180mm
Way To Install	On-site installation
System Effectiveness	Maximum efficiency 95.5%
Power Rating	160-240kW
Heat Dissipation Method	Air conditioning refrigeration
Levels Of Protection	IP55
Support The Guns	Four guns
Communication Interface	4G, network cable
Input Characteristics	
Input Voltage	380Vac±15%, three-phase five-wire system
Incoming Frequency	45Hz ~ 66Hz
Power Factor	≥ 0.99 (load ≥ 50%)
Harmonic Wave	≤ 5% (load ≥ 50%)
Output Characteristic	
Output Voltage	200-1000Vdc
Stability Accuracy	≤ ±1%
Stabilization Accuracy	≤ ±0.5%
Environment Pointer	
Working Temperature	-35°C ~+50°C
Storage Temperature	-35°C ~+70°C
Above Sea Level	≤ 2000m
Relative Humidity	5%RH~95%RH
Noise Level	≤ 65 dB (25°C standard mode)
Charging Unit	
Charging Unit	44.5kWh
Maximumoutput	80KW
Output Voltage Range	200~750VDC
Output Current Range	0~250A
Productiveness	>95%
Charging Output Interface	National standard DC charging gun
Charging Gun Wire Length	5M (customizable)
Operative Norm	
The Charging System Implements The Standards	GB/T18487.1, GB/T18487.2, GB/T27930, GB/T34657.1 and GB/T 34658
The Charging Gun Line Implements The Standards	GBT20234.1 and GBT20234.3
Battery Safety Implementation Standards	GB/T38031, GB/T36276, UL1973, UN38.3
Water Depth	≤ 100mm (water depth)

720 kW

High power supercharge series charging pile

The high-power supercharging series charging pile is specially designed for high-speed service areas, bus hubs, logistics parks, high-end business districts and other scenarios. It supports ultra-high power output of 200kW-600kW, realizing rapid energy replenishment in 10-15 minutes, and solving the charging efficiency pain points of electric vehicles for long-distance travel and commercial vehicles.

High efficiency heat dissipation system

Liquid cooling cycle system (flagship model): Compared with traditional air cooling, the heat dissipation efficiency is increased by 50% and the noise is reduced by 30%.

High reliability, adapt to harsh environment

Industrial components: high temperature resistant, corrosion resistant, 7x24 hours continuous operation.

Intelligent load reduction protection: automatically adjust power in high temperature and low temperature environment to extend the service life of equipment.

Super-fast charging

It covers 200kW to 600kW power and is suitable for 800V high-voltage platform models (such as Porsche Taycan, Xiaopeng G9, etc.).

Liquid-cooled charging gun + cable: support high current (500A+), charge for 10 minutes, and increase the range by 300km+.

High compatibility and intelligence

Wide voltage range: 200V-1000V adaptive, compatible with mainstream electric vehicle brands.

Plug and charge + no sense payment: support APP/VIN code automatic deduction.

Remote monitoring and operation: real-time monitoring of equipment status, fault warning, support for OTA upgrade.

TECHNICAL PARAMETER

Product Model	FR-720kW
Essential Information	
Size Mm (Width * Depth * Height)	1200*810*2000mm
Way To Install	On-site installation
System Effectiveness	Maximum efficiency 95.5%
Power Rating	720kW
Heat Dissipation Method	forced air cooling
Levels Of Protection	IP55
Support The Guns	4-12 guns (single and double guns, liquid-cooled guns can be freely combined)
Communication Interface	4G, network cable
Input Characteristics	
Input Voltage	380Vac±15%, three-phase five-wire system
Incoming Frequency	45Hz ~ 66Hz
Power Factor	≥ 0.99 (load ≥ 50%)
Harmonic Wave	≤ 5% (load ≥ 50%)
Output Characteristic	
Output Voltage	200-1000Vdc
Steady Flow Accuracy	≤ ±1%
Stabilization Accuracy	≤ ±0.5%
Environment Pointer	
Working Temperature	-35°C ~+50°C
Storage Temperature	-35°C ~+70°C
Above Sea Level	≤ 2000m
Relative Humidity	5%RH~95%RH
Noise Level	≤ 65 dB (25°C standard mode)
Operative Norm	
Charging Gun Line Implementation Standard	GBT20234.1 GBT20234.3
Standards For The Implementation Of The Power Supply Interface	GBT20234.1 GBT20234.3
Water Depth	≤ 100mm (water depth)

APPLICATION SCENARIOS

Application Scenarios	Rx
Highway Service Area	The 600kW supercharging station provides a "charging like refueling" experience for long-distance travel
Urban Bus Hub	Centralized high-power charging to ensure rapid replenishment of buses
Logistics Park	High power double gun pile, suitable for high frequency use of electric heavy trucks/logistics vehicles
High-End Commercial Complex	Liquid cooling supercharge + brand customization to enhance the value of commercial facilities

240 kW

Zhiyuan series charging piles

FR-240kW Zhiyuan series all-in-one machine adopts low-noise design, operating volume <55dB, equipped with intelligent heat dissipation system, night charging does not disturb the people. It takes into account efficient charging and quiet experience, improving user comfort.

Silent operation-night friendly

160~240kW, fanless design or high-efficiency silent fan, noise <55dB, no disturbance during night charging, suitable for quiet scenes such as community and hotel.

Dual-mode intelligent heat dissipation-stable and efficient

Natural convection + high thermal conductivity material for coordinated heat dissipation, noise and efficiency at the same time, still ensure the equipment is durable and stable in high temperature environment.

Energy saving and environmental protection-low carbon certification

Low power standby mode, improved energy efficiency, meet green building standards, and contribute to carbon neutral scenarios.

Adaptive noise reduction--smart experience

The intelligent dynamic module adjusts the heat dissipation power, and automatically enters the silent mode when the temperature is low and the load is low. The user can switch more comfortably without feeling

Minimalist aesthetic design-space adaptation

Integrated compact body, save floor space, integrated with modern architectural aesthetics, specially designed for high-end residential and commercial areas.

24/7 security protection-no fear of the environment

Lp55, dustproof and waterproof + overvoltage and overcurrent protection, service life extended by 20%, stable operation in extreme weather.

TECHNICAL PARAMETER

Product Model	FRGK-DC01-240kW
Essential Information	
Size Mm (Width * Depth * Height)	750*750*1880mm
Way To Install	On-site installation
System Effectiveness	Maximum efficiency 97%
Power Rating	80-240kW
Heat Dissipation Method	forced air cooling
Levels Of Protection	IP55
Support The Guns	Two guns
Communication Interface	4G, network cable
Input Characteristics	
Input Voltage	380Vac±15%, three-phase five-wire system
Incoming Frequency	45Hz ~ 66Hz
Power Factor	≥ 0.99 (load ≥ 50%)
Harmonic Wave	≤ 5% (load ≥ 50%)
Output Characteristic	
Output Voltage	200-1000Vdc
Steady Flow Accuracy	≤ ±1%
Stabilization Accuracy	≤ ±0.5%
Environment Pointer	
Working Temperature	-35°C ~+50°C
Storage Temperature	-35°C ~+70°C
Above Sea Level	≤ 2000m
Relative Humidity	5%RH~95%RH
Noise Level	≤ 45 dB (25°C standard mode)
Operative Norm	
Charging Gun Line Implementation Standard	GBT20234.1 GBT20234.3
Standards For The Implementation Of The Power Supply Interface	GBT20234.1 GBT20234.3
Water Depth	≤ 100mm (water depth)

160 kW

Independent air channel series charging pile

The high-power supercharging series charging pile is specially designed for high-speed service areas, bus hubs, logistics parks, high-end business districts and other scenarios. It supports ultra-high power output of 200kW-600kW and can realize rapid energy replenishment in 10-15 minutes, solving the pain points of charging efficiency of electric vehicles on long-distance travel and commercial vehicles.

Efficient partitioned heat dissipation

Independent air channel design: charging module, power supply system and control unit adopt independent heat dissipation path to avoid heat accumulation.

Intelligent temperature control: automatically adjust the fan speed according to the internal temperature, balance heat dissipation and energy consumption.

Liquid cooling + air cooling hybrid solution (some high-end models): further improve the heat dissipation capacity during high-power charging.

Ultra low noise operation

Brushless silent fan: the noise is controlled below 45dB (equivalent to a quiet conversation). Noise reduction by duct optimization: streamline duct design is adopted to reduce the turbulence noise of airflow.

High protection level

Lp65 dustproof and waterproof: adapt to outdoor rain, snow, sand and other harsh environment.

Corrosion resistant material: the shell is made of galvanized steel plate or flame retardant engineering plastic to extend the service life.

Intelligent management and security

Remote monitoring: Support APP/cloud platform to view the status and heat dissipation of the device.

Multiple security protection: overvoltage, overcurrent, short circuit, leakage protection, and fault self-detection function.

Lightning protection design: suitable for areas with frequent lightning.

Modular maintenance

Quick-remove filter: easy to clean, prevent dust from blocking the air duct.

Easy maintenance design: key components (such as fan, power module) can be replaced quickly.

TECHNICAL PARAMETER

Product Model	FRGK-DC01-160kW
Essential Information	
Size Mm (Width * Depth * Height)	800*590*1770mm
Way To Install	On-site installation
System Effectiveness	Maximum efficiency 95.5%
Power Rating	80-160kW
Heat Dissipation Method	forced air cooling
Levels Of Protection	IP55
Support The Guns	Two guns
Communication Interface	4G, network cable
Input Characteristics	
Input Voltage	380Vac±15%, three-phase five-wire system
Incoming Frequency	45Hz ~ 66Hz
Power Factor	≥ 0.99 (load ≥ 50%)
Harmonic Wave	≤ 5% (load ≥ 50%)
Output Characteristic	
Output Voltage	200-1000Vdc
Steady Flow Accuracy	≤ ±1%
Stabilization Accuracy	≤ ±0.5%
Environment Pointer	
Working Temperature	-35°C ~+50°C
Storage Temperature	-35°C ~+70°C
Above Sea Level	≤ 2000m
Relative Humidity	5%RH~95%RH
Noise Level	≤ 55 dB (25°C standard mode)
Operative Norm	
Charging Gun Line Implementation Standard	GBT20234.1 GBT20234.3
Standards For The Implementation Of The Power Supply Interface	GBT20234.1 GBT20234.3
Water Depth	≤ 100mm (water depth)

320 kW

ZhiGao series charging pile

The Smart Charge series breaks through the traditional industrial design, with "technology + humanization" as the core, and creates a new generation of charging equipment with both high appearance and practicality, suitable for high-end commercial areas, residential communities, brand 4S stores and other scenes with high image requirements.

A polished look

It adopts a 5.7-inch color touch screen and LED ambient light. The appearance of this charging pile combines its internal performance, with a reasonable, economical, beautiful and elegant overall structure, and has a modern feel.

The structure is clever

Overall structure, convenient for users to install;
Interface operation, debugging is convenient;
Visualize and combine operations with APP, multiple payment methods, convenient for customers;
The external frame structure and size of the product are close to similar products on the market.
The integration of humanization and intelligence, the current aesthetic flow and technological elements give people a sense of beauty.

Safe guarding

The product has anti-tilt, water immersion, smoke alarm safety function, static electricity safety detection function to ensure safe operation.

TECHNICAL PARAMETER

Product Model	FRGK-DC01-180kW
Essential Information	
Size Mm (Width * Depth * Height)	800*560*1780mm
Way To Install	On-site installation
System Effectiveness	Maximum efficiency 95.5%
Power Rating	80-320kW
Heat Dissipation Method	forced air cooling
Levels Of Protection	IP55
Support The Guns	Two guns
Communication Interface	4G, network cable
Input Characteristics	
Input Voltage	380Vac±15%, three-phase five-wire system
Incoming Frequency	45Hz ~ 66Hz
Power Factor	≥ 0.99 (load ≥ 50%)
Harmonic Wave	≤ 5% (load ≥ 50%)
Output Characteristic	
Output Voltage	200-1000Vdc
Steady Flow Accuracy	≤ ±1%
Stabilization Accuracy	≤ ±0.5%
Environment Pointer	
Working Temperature	-35°C ~+50°C
Storage Temperature	-35°C ~+70°C
Above Sea Level	≤ 2000m
Relative Humidity	5%RH~95%RH
Noise Level	≤ 65 dB (25°C standard mode)
Operative Norm	
Charging Gun Line Implementation Standard	GBT20234.1 GBT20234.3
Standards For The Implementation Of The Power Supply Interface	GBT20234.1 GBT20234.3
Water Depth	≤ 100mm (water depth)

SCENARIO-BASED CUSTOMIZATION SOLUTIONS

Application scenarios	solutions
High-End Commercial Bodies	High-end commercial brand LOGO customization to enhance business value
Residential Community	Residential community Silent mode + soft light effect to avoid disturbing people at night
Expressway Service Area	Highway service area independent air duct fast charging + high temperature resistant design to ensure rapid energy replenishment

DC charging gun

It has high adaptability, safety and durability, is suitable for a variety of electric vehicle charging needs, and can operate reliably under different environmental conditions.

Product features

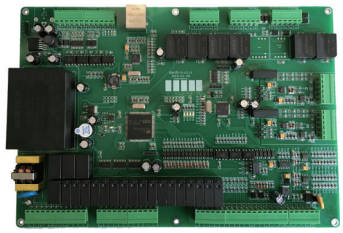
- **Voltage adaptability:** The charging gun can be adapted to different models and brands of electric vehicles, providing greater charging flexibility
- **Excellent insulation performance:** with high insulation resistance and 3500VAC withstand voltage to ensure the charging process on the safe side
- **Durability:** The charging gun has excellent durability and can withstand more than 10,000 cycles (under no load conditions) for long-term use
- **Easy plug and unplug:** the plug and unplug force is less than 140N, which makes it convenient for users to connect and disconnect the charging gun and improves the convenience of use
- **Protection level IP55:** Dustproof and waterproof charging gun, suitable for a variety of environments
  Wide operating temperature range: Adapt to a wide range of temperatures, from-30°C to +50°C , suitable for use in a variety of climates
- **High flame retardancy:** in line with UL94V-0 flame retardant grade, provides excellent fire performance at high temperatures and enhances safety
- **Electromagnetic lock mechanism:** The electromagnetic lock mechanism is used to ensure a firm connection and avoid accidental disconnection during charging.
- **It meets international standards:** the charging gun complies with international standards to ensure compatibility with various electric vehicles worldwide

Liquid-cooled model charging gun

The liquid-cooled charging gun features high performance, high safety and adaptability, making it suitable for fast charging of large-capacity electric vehicles, while providing reliable electronic locks and protection levels.

Product features

- **High rated voltage and current:** With a rated voltage of 1000V DC and a rated current of up to 600A, it is capable of providing a large capacity power supply.
- **Superior insulation performance:** at room temperature, it has an insulation resistance of more than 500MΩ, which helps to ensure safe charging operation.
- **Adapt to a wide range of environments:** can work normally in the temperature range of-30°C to 50°C , and meet the standard under humid heat conditions (GB/T 11918.1-2014).
- **High protection level:** with the protection level of IP55, it ensures good protection performance in the state of socket interface.
- **Reliable plug and pull performance:** the plug and pull force is between 80N and 140N, and the plug and pull life reaches 10000 times (no load), ensuring the reliability of long-term use.
- **Electronic lock function:** built-in electronic lock, rated voltage of 12V DC, current range of 1.5-2A, power of 18-24W, can provide additional security protection.
- **Cooling system:** with liquid cooling function, the coolant capacity is 600mL, effectively reduce the heat power of conductor, to ensure efficient cooling.
- **Wide range of application:** suitable for charging large capacity electric vehicles, with sufficient power and performance.
- **Reliable voltage withstanding performance:** can withstand the phase line to phase line, phase line to ground voltage withstanding test of 3500VAC.
- **Environmental cooling fluid:** Use silicone oil as the cooling fluid medium to ensure environmental performance.

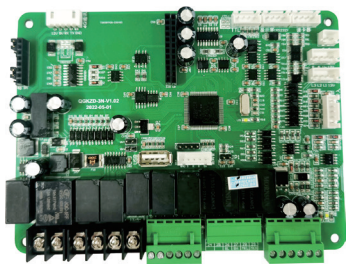


DC dual charge main control board

It has powerful hardware and software functions to meet the control of DC dual charging pile, provide a variety of charging modes and payment methods, and have multiple protection and communication functions to meet different needs of the charging pile market.

Product features

- The dual-gun charging pile can be controlled to meet different power distribution requirements
- Provides backup output, fault alarm output, electromagnetic lock control, discharge resistor control and other functions. Supports monitoring of various electromagnetic lock states,
- Circuit breaker states and temperature states
- Inspection function and metering of electricity meters meet national standards
- There are multiple charging modes, including fixed charging, timed charging, quantitative charging and automatic charging. There are also multiple payment methods, such as lC card,
- Mobile APP and wechat
- Protection fault alarm function, including voltage, current, temperature, short circuit and other multiple protection

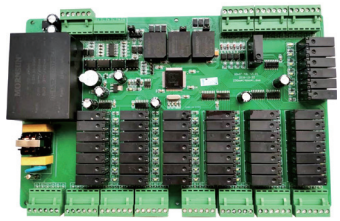


DC single charge main control board

It has powerful hardware and software functions to meet the control of DC single charging pile, provide a variety of charging modes and payment methods, and have multiple protection and communication functions to meet different needs of the charging pile market.

Product features

- The charging compatibility is strong and suitable for a variety of models
- Supports a variety of charging power to meet different needs
- There are various start modes, including touch screen, card swipe and button. It has high security and supports electronic lock control
- High integration, simplified design and installation
- Supports multiple communication protocols and upgrades
- Display and metering options, external electricity meters can be connected to the Internet card swiping and scanning code charging



Power adjustment board

It is highly flexible and scalable, suitable for a variety of charging scenarios, and provides powerful charging control and management functions to meet the needs of different customers.

Product features

- Powerful power: Supports flexible power adjustment up to 1920KW.
- Multi-module support: up to 48 modules to meet different scale requirements.
- Multiple charging guns: up to 12 charging guns, suitable for multiple users.
- High voltage contactor control: up to 70 routes to ensure stable connection.
- Safety monitoring: monitor the status of 140 contactors to ensure charging safety.
- Multi-power adjustment mode: select different adjustment modes according to the requirements.
- Fast charging: Supports liquid-cooled gun supercharging to provide fast charging.
- Flexible charging mode: liquid cooling, ordinary, hybrid mode is optional.
- Multi-charging gun terminal: supports different charging gun configurations.
- Fault protection: Provides a variety of external fault protection.
- Energy efficiency control: support the start and stop of module power supply and energy saving.
- Protocol compatibility: support the charging protocol of state grid module, and adapt to different protocol requirements.

Charging module

The charging module utilizes the world's leading power technology and processes, specifically designed for the power conversion equipment required to charge electric vehicles. It features an ultra-wide constant power output voltage range. The module is characterized by active power factor correction, high efficiency, high reliability, intelligent control, and an attractive design. It uses an intelligent air-cooling system, which ensures high power density and minimal space occupation. Additionally, it includes hot-swappable components and battery reverse charging protection functions.

Product features

- · Ultra-small output voltage ripple, peak ripple less than or equal to 1%
- · Standby power consumption is less than 10W
- · Perfect protection and alarm function: input over/under voltage, output overvoltage, overcurrent, overtemperature protection, output under voltage alarm, output short circuit protection
- · LED panel is adopted, which is convenient for man-machine operation and can display voltage, current, group, protocol, address, manual/automatic and fault information
- · Supports CAN bus communication function and software packet control
- · Digital control with DSP, supporting voltage and current adjustment function
- · Built-in protection circuit against battery current backflow, support hot plug and unplug
- · Automatic address recognition and verification function is added, without manual setting Built-in output voltage discharge circuit

Charging interconnection control module

The charging IoT control module is a highly integrated and IoT-enabled device that combines TCU, CCCU, IMD, and ELK. It features a rich set of operational resources and hardware interfaces. In addition to basic charging control and billing functions, it also supports remote diagnostics for charging stations, ensuring stable operation and cost-effective maintenance.

Product features

- The function is highly centralized, the charging pile system is simple and easy to maintain
- Powerful performance, intelligent operation and maintenance, suitable for various charging pile scenarios
- The networking function is rich, and the remote diagnosis and maintenance are truly realized
- The scheme is flexible and can be used for integrated single/double gun, charging pile and other charging systems
- Charging safety guard, black box function

Direct current energy meter

It has a variety of functions, suitable for different power measurement and monitoring needs, with high reliability and performance.

Product features

- Complies with multiple technical specifications to ensure performance and quality standards.
- Small intelligent design, easy to install and networking
- It has multiple functions, such as forward and reverse DC energy metering, time division metering and data storage
- It has a dual-channel RS485 communication interface, which supports remote data interaction and uploading of various electrical parameters and event data
- The LCD screen and key provide convenient parameter display and copy function. It provides the electrical pulse output proportional to the electric energy, which meets the relevant standards
- It can adapt to a wide range of temperatures and has good insulation performance and anti-jamming

2.15 MWh

(air-cooled) 20ft container energy storage system

TECHNICAL PARAMETER

Product Model	2.15MWh (air cooled) 20ft box energy storage system
Battery Parameters	
Cell Type	3.2V/280Ah（LFP）
Battery Pack Configuration	1P16S/14.336kWh
Battery System Configuration	6P400S
System Nominal Voltage (V)	1280
Battery System Capacity (Kwh)	2150.4
Working Voltage Range (V)	1080~1460
Communication Parameters (Grid Connection)	
Power Rating （kW）	1200
Maximum Output Power (Kva)	1320
Rated Grid Voltage (V)	690
Voltage Ratio	0.69kV/10~35kV
A-C Cycle （Hz）	50/60
Isolation Method	Transformer isolation
Total Harmonic Distortion Rate Thdi Of Current	≤ 3%
Grid-Connected Power Factor	-1 (advanced) ~1 (delayed)
Alternating Current System	Three phase three wire
Communication Parameters (Off-Grid)	
Power Rating （Kw）	1200
Maximum Output Power (Kva)	1320
Off-Grid Frequency Of Communication (Hz)	50/60
Off-Grid Output Thdu	Less than 2% linearity
Overload Capacity	110% long term operation (@ 35°C)
System Parameter	
Box Size (Width X Height X Depth)	6058 x 2896 x 2438
Operating Temperature Range	-30~60°C (> 45°C reduction)
Humidity Range	0~95% (no condensation)
Converter Cooling Mode	Temperature control forced air cooling
Battery Temperature Control System	Industrial grade temperature control air conditioning
Fire Protection System (Battery Container)	Perfluorohexane
Highest Altitude	> 3000m reduction
Show	touch screen
Weight Of Battery Container (T)	~26
Levels Of Protection	IP55
Communication Mode	RS485/Ethernet/CAN
Monitored Control System	possess

3.35 MWh

(liquid cooling) 20ft container energy storage system technical parameters

TECHNICAL PARAMETER

Product Model	3.35MWh (liquid cooling) 20ft box energy storage system
Battery Parameters	
Cell Type	3.2V/280Ah（LFP）
Battery Pack Configuration	1P52S/46.592kWh
Battery System Configuration	9P416S
System Nominal Voltage (V)	1331.2
Battery System Capacity (Kwh)	3354.6
Working Voltage Range (V)	1123.2~1518.4
Communication Parameters (Grid Connection)	
Power Rating （Kw）	1800
Maximum Output Power (Kva)	1980
Rated Grid Voltage (V)	690
Voltage Ratio	0.69kV/10~35kV
A-C Cycle （Hz）	50/60
Isolation Method	Transformer isolation
Total Harmonic Distortion Rate Thdi Of Current	≤ 3%
Grid-Connected Power Factor	-1 (advanced) ~1 (delayed)
Alternating Current System	Three phase three wire
Communication Parameters (Off-Grid)	
Power Rating （Kw）	1800
Maximum Output Power (Kva)	1980
Off-Grid Frequency Of Communication (Hz)	50/60
Off-Grid Output Thdu	Less than 2% linearity
Overload Capacity	110% long term operation (@ 35°C)
System Parameter	
Box Size (Width X Height X Depth)	6058 x 2896 x 2438
Operating Temperature Range	-30~60°C (> 45°C reduction)
Humidity Range	0~95% (no condensation)
Converter Cooling Mode	Temperature control forced air cooling
Battery Temperature Control System	Intelligent liquid cooling
Fire Protection System (Battery Container)	Perfluorohexane
Highest Altitude	> 3000m reduction
Show	touch screen
Weight Of Battery Container (T)	~32
Levels Of Protection	IP55
Communication Mode	RS485/Ethernet/CAN
Monitored Control System	possess

242 kWh

(air-cooled) industrial and commercial energy storage system

TECHNICAL PARAMETER

Product Model	243kWh (air-cooled) industrial and commercial energy storage system
Battery Parameters	
Cell Type	3.2V/280Ah（LFP）
Battery Pack Configuration	1P16S/14.336kWh
Battery System Configuration	1P272S
System Nominal Voltage (V)	870.4
Battery System Capacity (Kwh)	243.712
Working Voltage Range (V)	734.4~992.8
Communication Parameters (Grid Connection)	
Power Rating （Kw）	120
Rated Grid Voltage (V)	400
Grid Voltage Range	-15%~10%
A-C Cycle （Hz）	50/60
Frequency Range （Hz）	±5
Total Harmonic Distortion Rate Thdi Of Current	≤ 3%
Grid-Connected Power Factor	-1 (advanced) ~1 (delayed)
Alternating Current System	Three phase four wire
Communication Parameters (Off-Grid)	
Power Rating （Kw）	120
Rated Voltage （V）	400
Off-Grid Frequency Of Communication (Hz)	50/60
Off-Grid Output Thdu	Less than 2% linearity
Overload Capacity	110%-10min，120%-1min
System Parameter	
Box Size (Width X Height X Depth)	1800×2500×1380
Operating Temperature Range	-30~60°C (> 45°C reduction)
Humidity Range	0~95% (no condensation)
Cooling-Down Method	forced air cooling
Fire Protection System (Battery Container)	Perfluorohexane
Highest Altitude	> 3000m reduction
Show	touch screen
Weight （T）	~3.6
Levels Of Protection	IP54
Communication Mode	RS485/Ethernet/CAN
Monitored Control System	possess

232 kWh

(liquid cooling) industrial and commercial energy storage system

TECHNICAL PARAMETER

Product Model	232kWh (liquid cooling) industrial and commercial energy storage system
Battery Parameters	
Cell Type	3.2V/280Ah（LFP）
Battery Pack Configuration	1P52S/46.592kWh
Battery System Configuration	1P260S
System Nominal Voltage (V)	832
Battery System Capacity (Kwh)	232.96
Working Voltage Range (V)	702~949
Communication Parameters (Grid Connection)	
Power Rating （Kw）	100
Rated Grid Voltage (V)	400
Grid Voltage Range	-15%~10%
A-C Cycle （Hz）	50/60
Frequency Range （Hz）	±5
Total Harmonic Distortion Rate Thdi Of Current	≤ 3%
Grid-Connected Power Factor	-1 (advanced) ~1 (delayed)
Alternating Current System	Three phase four wire
Communication Parameters (Off-Grid)	
Power Rating （Kw）	120
Rated Voltage （V）	400
Off-Grid Frequency Of Communication (Hz)	50/60
Off-Grid Output Thdu	Less than 2% linearity
Overload Capacity	110%-10min，120%-1min
System Parameter	
Box Size (Width X Height X Depth)	1490×1884×1681
Operating Temperature Range	-30~60°C (> 45°C reduction)
Humidity Range	0~95% (no condensation)
Cooling-Down Method	Intelligent liquid cooling
Fire Protection System (Battery Container)	Perfluorohexane
Highest Altitude	> 3000m reduction
Show	touch screen
Weight （T）	~3.2
Levels Of Protection	IP54
Communication Mode	RS485/Ethernet/CAN
Monitored Control System	possess

FUREN HIGH-TECH CHARGING PILE OPERATION MANAGEMENT PLATFORM

Real-time monitoring and fault alarm

Charging gun online status

The status of the charging gun is monitored in real time, online and offline, so that the charging station can check and maintain it in time

Tram connection status

Monitor the connection status of the tram, push the user terminal in time, and facilitate users to master the charging status

Charging gun working status

The working status of the real-time charging gun on the platform is idle, plugged in, charging, charging end, and transmitted to the client

Charging pile fault statistics

Timely push the alarm status and fault cause during charging process, and notify the person in charge by SMS to ensure the normal operation of the charging pile

FUREN HIGH-TECH CHARGING PILE OPERATION MANAGEMENT PLATFORM

Intelligent management of charging piles

- Different stations and different piles set electricity charges and service charges respectively.
- Supports remote delivery rates, which can be based on peak and trough periods at different times
- Set electricity and service charges separately; also enable standard timing rules,
- Set fixed electricity and service charges
- Support remote upgrade program of charging pile.

FUREN HIGH-TECH CHARGING PILE OPERATION MANAGEMENT PLATFORM

Convenient charging service experience

Log in to become a member

Users who log in and register as small programs are members

Zero distance communication with customers

Users can quickly find nearby available charging piles based on GPS positioning through the small program, and can be screened according to charging speed, idle status, charging fee standards and other conditions. It supports scanning code charging, one-click start charging process, real-time view of charging progress and expected charging completion time.

Convenient payment and settlement

Integrate wechat and Alipay as mainstream payment methods, automatically settle the charges after users charge, provide detailed charging fee details query, support online electronic invoice issuance, and facilitate users to reimburse.

Membership rights

A perfect membership system will be established, and different membership levels will be set according to the amount and frequency of users charging consumption. Exclusive rights such as points exchange for charging time, recharge discount, charging discount and birthday benefits will be provided to members to enhance user stickiness and loyalty.

FUREN HIGH-TECH CHARGING PILE OPERATION MANAGEMENT PLATFORM

Data statistics and report analysis

Order data

Support real-time and historical query of charging orders and recharge orders.

Financial data statistics

It automatically generates financial reconciliation statements to facilitate the verification of electricity consumption, capital income, preferential intensity and other data

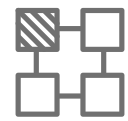
analysis of statements

Statistical data such as charging pile utilization rate, charging time distribution and revenue report are used to help operators optimize resource allocation

System architecture and technology innovation

Overall architecture

The layered architecture diagram presented by the system includes the device access layer (charging pile, charging gun and other hardware), data transmission layer (Internet of Things communication network), business logic layer (various functional modules) and user interaction layer (mini program, management background, etc.), which explains the cooperative relationship between each layer.

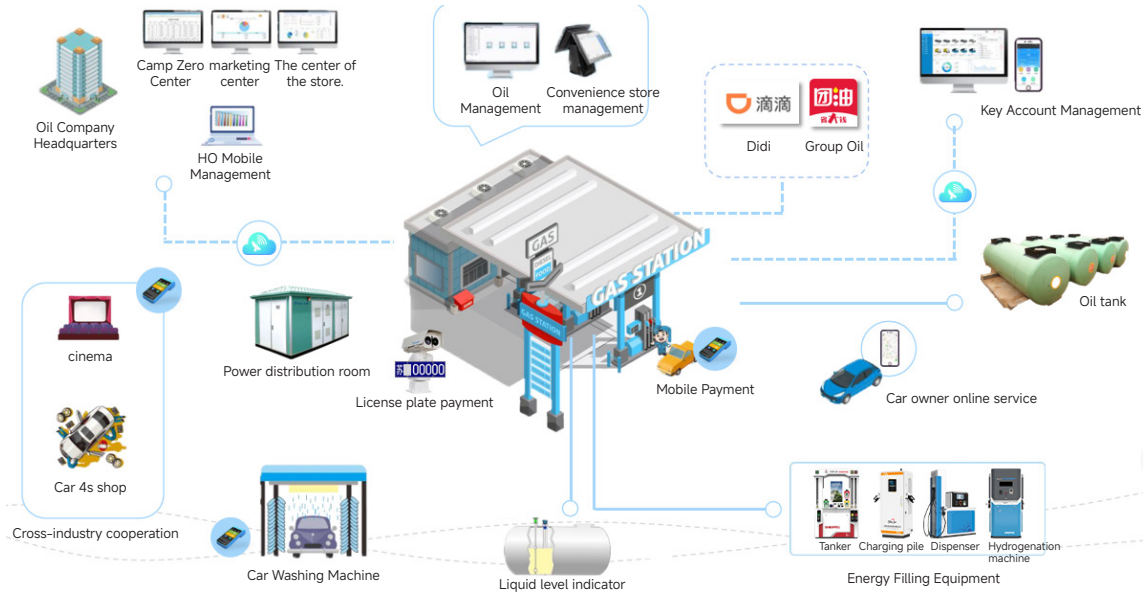


Module interconnection

Through the Internet of Things technology, real-time communication between charging piles, platforms and user equipment is realized to ensure the stability and timeliness of data transmission.

Information interaction and function collaboration between the operation management system and the settlement system, data acquisition and monitoring system, data analysis system, user access system and other subsystems.

INTEGRATED ENERGY STATION



LIGHT STORAGE AND CHARGING MICROGRID

The 'photovoltaic-storage-charging' integrated system, also known as a microgrid, is a small-scale power generation, distribution, and consumption system that includes distributed power sources, electrical loads, distribution facilities, monitoring, and protection devices. Electric vehicle charging stations have long faced challenges such as insufficient land resources and grid connection issues. The introduction of the 'photovoltaic-storage-charging' integrated system not only addresses the challenges of limited land and power capacity but also achieves a basic balance between local energy production and consumption through energy storage and optimized allocation.

The integrated energy storage and charging system, comprising an energy storage system and charging facilities, addresses the challenge of insufficient power capacity at regional charging stations. It primarily aims to solve the problem of expanding and upgrading these stations. Additionally, this system can assist in grid peak regulation, frequency modulation, and load balancing, and can even serve as a supporting facility for the Energy Internet, facilitating the integration of smart grids, smart charging, and smart information networks.

INCREASE CAPACITY AND EXPANSION

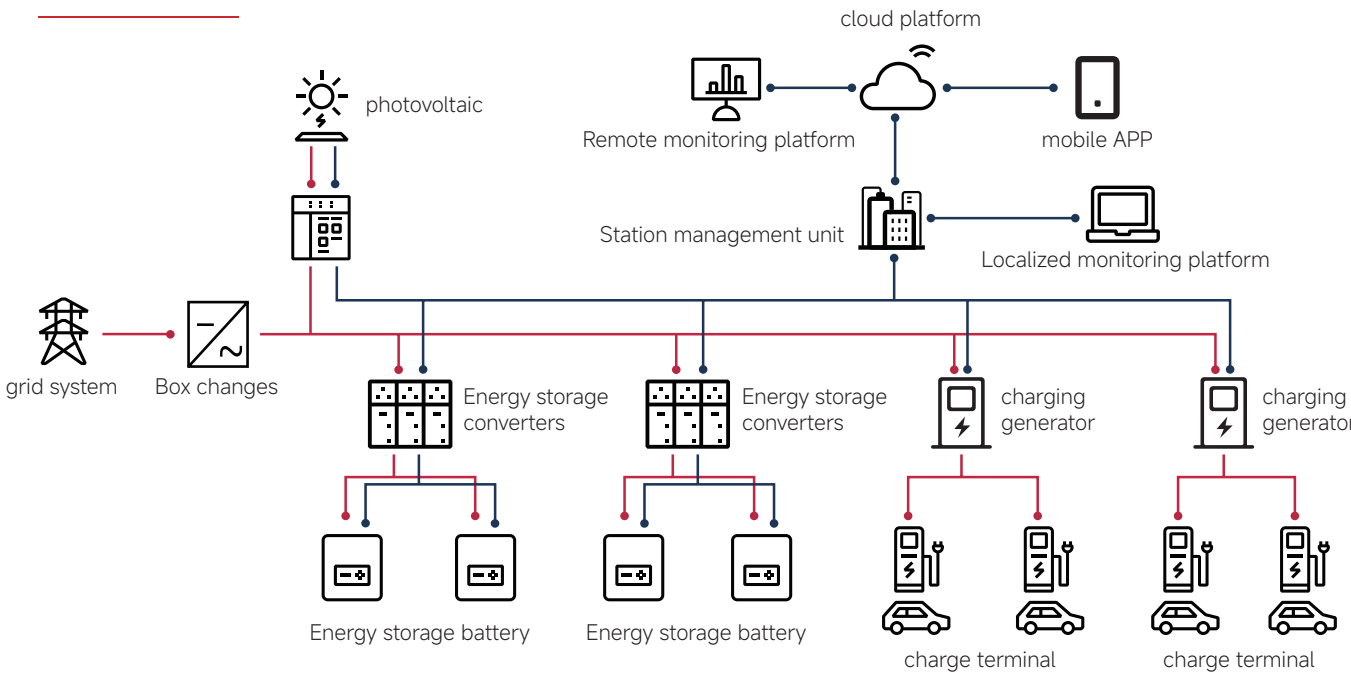
PEAK SHAVING AND VALLEY FILLING

GRID PEAK AND FREQUENCY MODULATION

SHORT TERM OFFGRID SYSTEM

FUREN SHUYUN

LIGHT STORAGE AND CHARGING SYSTEM



CHARGING PILE CONSTRUCTION QUALIFICATION

- Construction general contracting level 3
- General contracting of petrochemical
- Engineering grade III, professional contracting of steel structure engineering grade III
- Specialized contracting for building
- Mechanical and electrical installation projects at level 3 and pressure pipeline installation GC1
- The major of architectural decoration
- Engineering is contracted at the second level, and the power facility license is installed at the fourth level


承装(修、试)电力设施许可证

许可证编号：

单位名称：江阴市富仁电力设备安装有限公司 住所：江阴市东外环路289号

法定代表人：陶品洪 许可类别和等级：承装类四级 承修类四级 承试类四级

有效期限自 2018 年 8 月 29 日始 至 2024 年 8 月 28 日止

2018 年 8 月 29 日

国家能源局制

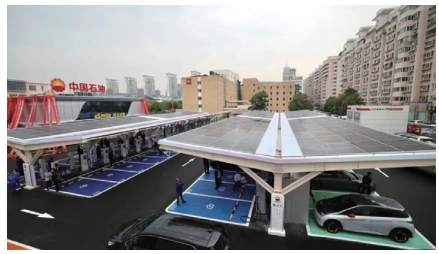
License for installation, repair and testing of power facilities

PROJECT CERTIFIED PERSONNEL

PROFESSIONAL QUALIFICATIONS	NUMBER OF PEOPLE
Senior professional personnel	15 people
Intermediate professional personnel	26 people
Junior professional personnel	44 people
Project manager	15 people
Safety officer, material officer, construction officer	58 people

There are 6 first-class registered construction engineers
There are 12 second-level registered construction engineers
There are 16 registered construction engineers

PROJECT CASE



Petrochina Tianjin Sales Third Street supercharger station

Petrochina Kunshan Huajiao Comprehensive Energy

Sinopec Nanning Xinyang Station

Sinopec Jiangnan Station, Guangdong

OUR WHOLE SITE SERVICE

Relying on its strong advantages in energy terminal product R&D, design, and manufacturing, as well as years of experience in specialized services, Furen High-tech has established a professional team for the entire energy station service. This team serves oil company retail terminals, specifically the refueling stations, ensuring the integrity of all equipment and facilities within the station. They aim to 'think what the customer thinks and act before the customer acts.'

Service vehicles:> 160

Service personnel:> 300

Certificate of electrician:>165 people
High-altitude work permit:> 110 people

DIGITAL MANAGEMENT

Our company has continuously strengthened its digital technology research and development capabilities. In terms of network management of service managers, we have realized multi-level technological management such as network APP, digital Furen information platform and service hotline, real-time monitoring of the service process, analysis, follow-up and solution of service problems, and customers can also understand the dynamic results of regional market services in real time through the network platform.

The service manager App platform is used to report, assign, receive orders, repair, confirm, feedback and evaluate the service links, and track and monitor the service links in real time.

FULL NETWORK COVERAGE

Drawing on years of accumulated and practical experience, our company has successively implemented comprehensive station outsourcing services in multiple provincial and municipal markets, including Jiangsu, Hubei, Sichuan, Shaanxi, Guangdong, Yunnan, Hainan, and Chongqing. Leveraging our nationwide after-sales service network, we have intensified the promotion of our oil station manager-comprehensive station service product, continuously expanding to 10,000 stations.

3000+

Number of service stations

20years+

Professional experience in energy terminal business

STANDARDIZED PROCESS

- Perfect service process,
- perfect management system
- Professional skills training
- Complete material and tool guarantee mechanism
- professional service vehicle types
- Follow-up mechanism
- No breaks throughout the year
- 24/7 response
- Global standards

- Level 1 fault: arrive at the scene within 2 hours after receiving the report, and repair within 4 hours
- Secondary failure: repair within 24 hours after receiving the report
- Level 3 fault: repair and solve within 3 days after receiving the report

A REFRESHING EXPERIENCE ATTENTIVE BUTLER WHOLE SITE SERVICE

JIANGYIN FUREN HIGH-TECH CO., LTD

INSTAGRAM

YOUTUBE

OFFICIAL WEBSITE

MADE IN CHINA

FUREN HIGH-TECH

Official website: www.refueldispenser.com
Jiangyin Furen High-Tech Co., LTD
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Consultation phone: +86-0510-86105873
Mail: frgkonline@furentech.com