Go Together
Get The Best

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One-Stop

One-Stop New Energy Charging Service

Guangdong LFF Technology Co., Ltd.
No.9 Yongcheng North Rd, Xiaolan Industrial Base, Zhongshan City, China

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Company Profile

Founded in 1993 and headquartered in Zhongshan, Guangdong LFF Technology has a rich history in the industry.With deep insights into the future of energy transformation, the company has been dedicated to the research,development,and manufacturing of electric vehicle charging facilities,as well as the Application Deployment of SaaS management platform systems and mobile Apps since 2016 with the EVCity.

It leads the new trend of the "Smart Device-Cloud Service" intelligent charging,aiming to help enterprises and individuals involved in business EV charging operations to quickly funding payoffs,optimize costs,improve efficiency and reduce energy consumption. We are committed to providing industry-leading overall solutions for EV charging and were the first tier suppliers in the world to launch liquid-cooled ultra-fast charging products. For software,our independently developed EVCity management platform covers asset management, charging station management,user management,and other functions.

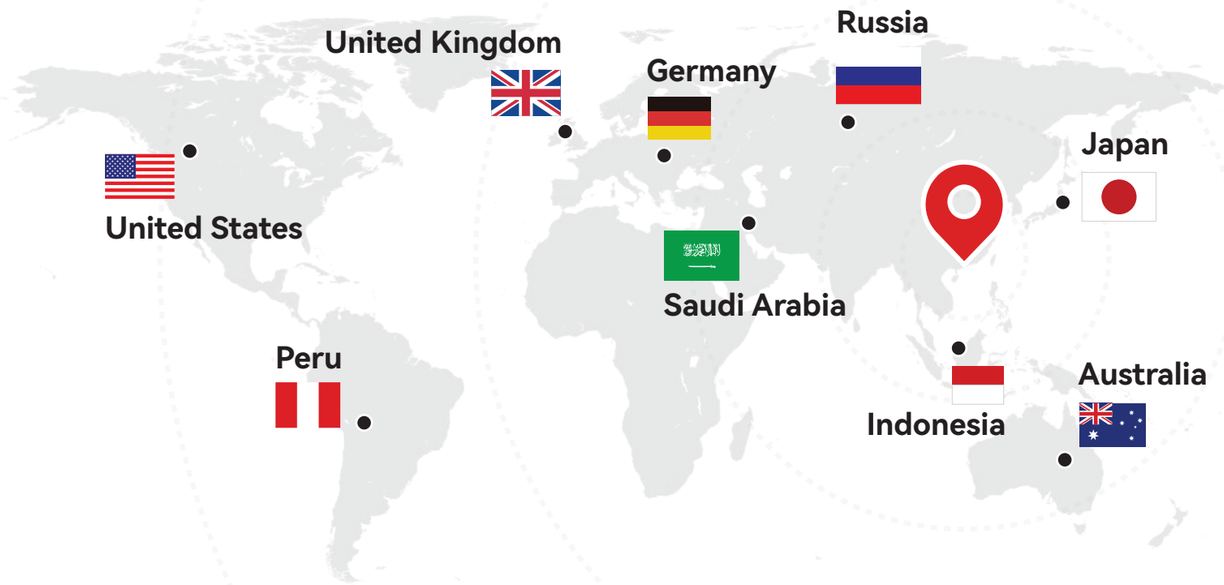
77+
COUNTRY WORLDWIDE

Our products are distributed to 77 countries across five continents,including the United Kingdom,Germany,Japan,Australia,Russia, the United States,Malaysia,Thailand,and Indonesia.

300+
CHARGING STATION NETWORK

EVCity have deployed over 300 charging stations globally,covering a wide range of standards including Chinese,European,Japanese and American standard, offering both AC slow charging and DC fast charging options.

Company Introduction



10 YEARS
Expertise in EVC
R&D and Manufacturing

100,000+
Registered
Platform Users

380+
Employee

50+ CITY
Different Scenarios
Application Cases

60,000+
EV Charger
System Uptime Hour

50+
Engineers

Development History

1993

Founded in 1993 and headquartered in Zhongshan, Guangdong LFF Technology has a rich history in the industry

1995

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1996

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2000

Establishment of the EVCity segment

Formation of the R&D team

Developed 2-20KW AC E-Bike Charger

2016

Developed 3-22KW AC EV charger

Building cloud charging System v1.0

Developed 30-240KW DC EV charger

2021

Define Future EV Charging demand

Small-scale deployment in South China

Optimization of products and systems

2022

- R&D Liquid Cooling EV Charger
- Integrated charging & parking
- Solution products exported to overseas markets

2023

The product achieved sales of over 20,000 units

The platform has a user base of over 300,000

The system has achieved 1.5 million stable online operations

Developed 360-960KW DC Liquid Cooling EV Charger

2024

Founded in 1993 and headquartered in Zhongshan, Guangdong LFF Technology has a rich history in the industry

2025

- Application Patent Certificate
- Intellectual Property Certification
- Original Design Certificate
- Computer Software Copyright
- Product 3c Certification
- IATF16949
- CE Mark EU Product Certificate

Certifications

Application Patent Certificate

Intellectual Property Certification

Original Design Certificate

Computer Software Copyright

Product 3c Certification

IATF16949

CE Mark EU Product Certificate

Product Series

AC 7/11/22KW x 2 CONNECTORS
Commercial Charger

GB/T TYPE2 TYPE1

- Double Output
- Dynamic Load Balancing
- Wall-mounted & floor-standing
- OCPP 1.6J Compliance Backend System

Parameters

Specifications			
Model	**EVC-AC-B6-14KW**	**EVC-AC-B6-22KW**	**EVC-AC-B6-44KW**
Rated Power	7KW*2	11KW*2	22KW*2
Max Input Current	32A*2	16A*2	32A*2
Interface	4.3" color touch LCD	**Wiring Method**	Bottom incoming
Installation	Wall-mounted / Floor-standing	**Input Frequency**	50±3Hz
Input/output Voltage	AC220V±15%	AC380V±15%	
Cable Length	5M		
Guns Number	2		
Net.weight	15.5KG		
Dimensions (W * H * D)	366mm*550mm*153mm		
Environment			
Operation Temperature	-25℃~55℃	**Operation Altitude**	≤2000M
Operation Humidity	<95%, non-condensing	**Protection Rate**	IP55
Cooling Types	Natural Cooling	**Overcurrent Protection Threshold**	≥110%
Operating			
Charging Mode	Auto-Full	**Payment Methods**	QR Code/Swipe card
Charging Methods	Swipe card/APP Launch	**Network Connection**	Ethernet,WIFI 4G(optional) OCPP1.6J
Security			
Charging Standards	IEC61851-2017 IEC62196-2017 GB/T 18487.1-2023 GB/T 20234.1-2023		
Protection	Over current protection, Surge protection, Over/Under voltage protection Over/Under frequency protection, Over temperature protection		

AC 7/11/22 KW
Commercial Charger

GB/T TYPE2 TYPE1

- Single output
- Dynamic Load Balancing
- OCPP 1.6J Compliance Backend System

Parameters

Specifications			
Model	**EVC-AC-B7-7KW**	**EVC-AC-B7-11KW**	**EVC-AC-B7-22KW**
Rated Power	7KW	11KW	22KW
Max Input Current	32A	16A	32A
Interface	4.3" color touch LCD	**Wiring Method**	Bottom incoming
Installation	Wall-mounted / Floor-standing	**Input Frequency**	50±3Hz
Input/output Voltage	AC220V±15%	AC380V±15%	
Cable Length	5M		
Guns Number	1		
Net.weight	12KG		
Dimensions (W * H * D)	286mm*440mm*122mm		
Environment			
Operation Temperature	-25℃~55℃	**Operation Altitude**	≤2000M
Operation Humidity	<95%, non-condensing	**Protection Rate**	IP55
Cooling Types	Natural Cooling	**Overcurrent Protection Threshold**	≥110%
Operating			
Charging Mode	Auto-Full	**Payment Methods**	QR Code/Swipe card
Charging Methods	Swipe card/APP Launch	**Network Connection**	Ethernet,WIFI 4G(optional) OCPP1.6J
Security			
Charging Standards	IEC61851-2017 IEC62196-2017 GB/T 18487.1-2023 GB/T 20234.1-2023		
Protection	Over current protection, Surge protection, Over/Under voltage protection Over/Under frequency protection, Over temperature protection		

B6-2

AC 7-22 KW
Commercial Charger

GB/T TYPE2 TYPE1

- 7-22KW Single Output
- Dynamic Load Balancing
- Improve Your ROI
- OCPP 1.6J Compliance Backend System

Parameters

Specifications			
Model	**B5**		
Rated Power	7KW	11KW	22KW
Input/output Voltage	AC220V+15%	AC380V+15%	AC380V+15%
Net.weight	5.3KG	5.4KG	5.4KG
Maximum Current	32A	16A	32A
Interface	4.3" color touch LCD	**Wiring Method**	Bottom incoming
Installation	Wall-mounted / Floor-standing	**Guns Number**	1
Cable Length	5M	**Dimensions (W * H * D)**	240*355*120mm
Environment			
Operation Temperature	-25℃~55℃	**Operation Altitude**	≤2000M
Operation Humidity	<95%, non-condensing	**Protection Rate**	IP55
Cooling Types	Natural Cooling	**Overcurrent Protection Threshold**	≥110%
Operating			
Charging Mode	Auto-Full	**Payment Methods**	QR Code/Swipe card
Charging Methods	Swipe card/APP Launch	**Network Connection**	WIFI,4G(optional) OCPP1.6J
Security			
Charging Standards	IEC61851-2017 IEC62196-2017 GB/T 18487.1-2023 GB/T 20234.1-2023		
Protection	Over current protection, Surge protection, Over/Under voltage protection Over/Under frequency protection, Over temperature protection		

B5

AC 7-22 KW
Home Charger

GB/T **TYPE2** **TYPE1**

Black Blue White

- 7-22KW Single Output
- Home Charger App
- Easy to install
- Safe and stable

Parameters

Specifications			
Model	**B3**		
Rated Power	7KW	11KW	22KW
Type	RFID/BlueTooth		
Maximum Current	32A	**Installation**	Wall-mounted / Floor-standing
Cable Length	5M	**Wiring Method**	Bottom incoming
Net.weight	3.8KG	**Guns Number**	1
Input/output Voltage	AC220V+15%	**Dimensions (W * H * D)**	190*360*95mm
Environment			
Operation Temperature	-25℃~55℃	**Operation Altitude**	≤2000M
Operation Humidity	<95%, non-condensing	**Protection Rate**	IP55
Cooling Types	Natural Cooling	**Overcurrent Protection Threshold**	≥110%
Operating			
Network Connection	/	/	4G
Charging Mode	Auto-Full		
Charging Methods	Swipe card	Swipe card/APP Launch/APP schedule	
Security			
Charging Standards	IEC61851-2017 IEC62196-2017 GB/T 18487.1-2023 GB/T 20234.1-2023		
Protection	Over current protection, Surge protection, Over/Under voltage protection Over/Under frequency protection, Over temperature protection		

B3

DC 360 KW
All-in-one Fast charger

GB/T CCS2

- FLEXIBLE Power Configuration
- High reliability & durability
- OCPP 1.6J Compliance Backend System
- GBT / CCS2

Parameters

Specifications			
Model	**D8**		
Rated Power	1200A(charger)/400A(each connector)		
Maximum current	630A		
Interface	7" color touch LCD	**Wiring Method**	Bottom incoming
Installation	Floor-stand	**Output Voltage**	DC200-1000V
AC Power Supply	AC380V+15%	**Cable Length**	5M
Measurement Accuracy	0.5	**Network Connection**	Ethernet,4G (Protocols OCPP 1.6J)
Electrical			
Overcurrent Protection Threshold	>400	**Dimensions (W * H * D)**	850*1955*1014mm
Voltage Stabilization Accuracy	≤±0.5%	**Steady Flow Accuracy**	≤±1%
Ripple Factor	<1%	**Efficiency**	≥95%
THD	≤5% (≥50%loading)	**Power Factor**	≥0.98
Environment			
Operation Temperature	-30℃~ + 50℃	**Operation Altitude**	≤2000M
Operation Humidity	<95% non-condensing	**Protection Rate**	IP55
Security			
Charging Standards	IEC62196-2017 IEC61851-2017 SAEJ1772 GB/T 18487.1-2023 GB/T 27930-2023		
Protection	Over current protection, Surge protection, Over/Under voltage protection Over/Under frequency protection, Over temperature protection		

DC 120-240 KW
All-in-one Fast charger

GB/T CCS2 CCS1

- FLEXIBLE Power Configuration
- High reliability & durability
- OCPP 1.6J Compliance Backend System
- GBT / CCS2 / CCS1

Parameters

Specifications				
Model	**D6**			
Rated Power	120KW	160KW	180KW	240KW
Maximum current (each connect max to 250A)	400A	532A	600A	798A
Interface	7" color touch LCD	**Wiring Method**	Bottom incoming	
Installation	Floor-stand	**Output Voltage**	DC200-1000V	
AC Power Supply	AC380V+15%	**Cable Length**	5M	
Measurement Accuracy	0.5	**Network Connection**	Ethernet,4G (Protocols OCPP 1.6J)	
Electrical				
Overcurrent Protection Threshold	>250	**Dimensions (W * H * D)**	915*1695*555mm	
Voltage Stabilization Accuracy	≤±0.5%	**Steady Flow Accuracy**	≤±1%	
Ripple Factor	<1%	**Efficiency**	≥95%	
THD	≤5% (≥50%loading)	**Power Factor**	≥0.98	
Environment				
Operation Temperature	-30℃~ + 50℃	**Operation Altitude**	≤2000M	
Operation Humidity	<95% non-condensing	**Protection Rate**	IP55	
Security				
Charging Standards	IEC62196-2017 IEC61851-2017 SAEJ1772 GB/T 18487.1-2023 GB/T 27930-2023			
Protection	Over current protection, Surge protection, Over/Under voltage protection Over/Under frequency protection, Over temperature protection			

D6

DC 30-80 KW
All-in-one Fast charger

GB/T CCS2 CCS1

- Easy To Maintain, Safe To Use
- Compact In Size
- Built With Safety Isolation
- GBT / CCS2 / CCS1

Parameters

Specifications				
Model	**D3**			
Rated Power	30KW	40KW	60KW	80KW
Maximumcurrent	100A	125A	200A	200A
Interface	7" color touch LCD	**Wiring Method**		Bottom incoming
Installation	Floor-stand	**Output Voltage**		DC200-1000V
AC Power Supply	AC380V+15%	**Cable Length**		5M
Measurement Accuracy	0.5	**Network Connection**		Ethernet,4G (Protocols OCPP 1.6J)
Electrical				
Overcurrent Protection Threshold	>100	>125	>200	>200
Dimensions (W * H * D)	810*1426*380mm			
Voltage Stabilization Accuracy	≤±0.5%	**Steady Flow Accuracy**		≤±1%
Ripple Factor	<1%	**Efficiency**		≥95%
THD	≤5% (≥50%loading)	**Power Factor**		≥0.98
Environment				
Operation Temperature	-30℃~ + 50℃	**Operation Altitude**		≤2000M
Operation Humidity	<95% non-condensing	**Protection Rate**		IP55
Security				
Charging Standards	IEC62196-2017 IEC61851-2017 SAEJ1772 GB/T 18487.1-2023 GB/T 27930-2023			
Protection	Over current protection, Surge protection, Over/Under voltage protection Over/Under frequency protection, Over temperature protection			

DC 120-240 KW
All-in-one Fast charger

GB/T CCS2 CCS1

- Easy To Maintain, Safe To Use
- Compact In Size
- Built With Safety Isolation
- GBT / CCS2 / CCS1

Parameters

Specifications				
Model	**D6S**			
Rated Power	120KW	160KW	180KW	240KW
Maximum current (each connect max to 250A)	400A	532A	600A	798A
Interface	4.3" color touch LCD		**Wiring Method**	Bottom incoming
Advertising screen	33-inch HD			
Installation	Floor-stand		**Output Voltage**	DC200-1000V
AC Power Supply	AC380V+15%		**Cable Length**	5M
Measurement Accuracy	0.5		**Network Connection**	Ethernet,4G (Protocols OCPP 1.6J)
Electrical				
Overcurrent Protection Threshold	>250		**Dimensions (W * H * D)**	915*1695*555mm
Voltage Stabilization Accuracy	≤±0.5%		**Steady Flow Accuracy**	≤±1%
Ripple Factor	<1%		**Efficiency**	≥95%
THD	≤5% (≥50%loading)		**Power Factor**	≥0.98
Environment				
Operation Temperature	-30℃~ + 50℃		**Operation Altitude**	≤2000M
Operation Humidity	<95% non-condensing		**Protection Rate**	IP55
Security				
Charging Standards	IEC62196-2017 IEC61851-2017 SAEJ1772 GB/T 18487.1-2023 GB/T 27930-2023			
Protection	Over current protection, Surge protection, Over/Under voltage protection Over/Under frequency protection, Over temperature protection			

DC 30-80 KW
All-in-one Fast charger

GB/T CCS2 CCS1

- Easy To Maintain, Safe To Use
- Compact In Size
- Built With Safety Isolation
- GBT / CCS2 / CCS1

Parameters

Specifications				
Model	**D3S**			
Rated Power	30KW	40KW	60KW	80KW
Maximum current	100A	125A	150A	200A
Interface	4.3" color touch LCD		**Wiring Method**	Bottom incoming
Advertising screen	33-inch HD			
Installation	Floor-stand		**Output Voltage**	DC200-1000V
AC Power Supply	AC380V+15%		**Cable Length**	5M
Measurement Accuracy	0.5		**Network Connection**	Ethernet,4G (Protocols OCPP 1.6J)
Electrical				
Overcurrent Protection Threshold	>100	>125	>200	>200
Dimensions (W * H * D)	810*1426*380mm			
Voltage Stabilization Accuracy	≤±0.5%		**Steady Flow Accuracy**	≤±1%
Ripple Factor	<1%		**Efficiency**	≥95%
THD	≤5% (≥50%loading)		**Power Factor**	≥0.98
Environment				
Operation Temperature	-30℃~ + 50℃		**Operation Altitude**	≤2000M
Operation Humidity	<95% non-condensing		**Protection Rate**	IP55
Security				
Charging Standards	IEC62196-2017 IEC61851-2017 SAEJ1772 GB/T 18487.1-2023 GB/T 27930-2023			
Protection	Over current protection, Surge protection, Over/Under voltage protection Over/Under frequency protection, Over temperature protection			

DC 360-1280 KW
Distributed Charging Station

GB/T CCS2 CCS1

- Standard Maximumcharging output-250KW
- Liquid-Cooling Maximumcharging output-600kW
- Dynamic Load-based power allocation
- GBT / CCS2 / CCS1

Parameters

Specifications			
Model	**Power Cabinet**	**Fast Charging Unit**	**Liquid Cooling Unit**
Rated Power	360KW、480KW、640KW、1280KW	250KW	600KW
Output Voltage	200~1000VDC		
Installation	Floor-stand		
Maximum Current Output	/	250A	600A
Dimensions (W * H * D)	1350*1955*995mm	450*1435*320mm	600*1530*325mm
AC-spec			
Input Frequency	45~65Hz	**AC Power Supply**	380 VAC+15%
Wiring Method	Three-phase five-wire system(A+B+C+N+PE)		
DC-spec			
Output Voltage Accuracy	≤±0.5%	**Ripple Factor**	≤±1%
Output Voltage Ripple	≤±1%		
Function			
Power Factor	≥0.98	**Efficiency**	≥95%
Standby Power	≤0.05% Rated Power	**Current Unbalance Factor**	≤±3%
Payment Methods	/	QR Code/Swipe card/APP	
Protection	Over current protection, Surge protection, Over/Under voltage protection Over/Under frequency protection, Over temperature protection		
Charging Standards	IEC62196-2017 IEC61851-2017 SAEJ1772 GB/T 18487.1-2023 GB/T 27930-2023		
Security			
Operation Humidity	<95%, non-condensing		
Operation Altitude	≤2000m		
Operation Temperature	-20℃~+65℃, ≥50℃ in limit power		

D9

DC 30/40KW
All-in-one Mobile charger

GB/T CCS2 CCS1

- Flexible Power Configuration
- High Reliability & Durability
- OCPP 1.6J Compliance Backend System
- GBT / CCS2 / CCS1

Parameters

Specifications			
Model	**D10A-40K1E**		
Rated Power	30KW		40KW
Maximum current	100A		125A
Interface	7" color touch LCD	**Wiring Method**	Bottom incoming
Installation	Mobile	**Output Voltage**	DC200-1000V
AC Power Supply	AC380V+15%	**Cable Length**	5M
Measurement Accuracy	0.5	**Network Connection**	Ethernet,4G (Protocols OCPP 1.6J)
Environment			
Overcurrent Protection Threshold	>100	**Dimensions (W * H * D)**	500*965*947mm
Voltage Stabilization Accuracy	≤±0.5%	**Steady Flow Accuracy**	≤±1%
Ripple Factor	<1%	**Efficiency**	≥95%
THD	<5%(≥50% loading)	**Power Factor**	≥0.98
Environment			
Operation Temperature	-30℃~ + 50℃	**Operation Altitude**	≤2000M
Operation Humidity	<95%, non-condensing	**Protection Rate**	IP55
Security			
Charging Standards	IEC62196-2017 IEC61851-2017 SAEJ1772 GB/T 18487.1-2023 GB/T 27930-2023		
Protection	Over current protection, Surge protection, Over/Under voltage protection Over/Under frequency protection, Over temperature protection		

D10

75KWH-60KW
Mobile Charging Solution

- Off-grid, plug and play mobile EV DC fast charging station
- LiFePO4 battery and charging system integrated solution
- Payment methods can support RFID, OCPP1.6J and bank card readers(Customizable)
- Recharge mode supports grid and DC charging station input
- Single gun output, GBT,CCS 1,CCS 2 or CHAdeMO optional
- Modular battery, designed for easier installation and servicing
- Application Scenario is emergency charging rescue services and door-to-door charging services

Parameters

Battery System Specifications	
Battery Capacity	75kwh
Battery Chemistry	LiFePO4
Operating Temperature	Charge: 0°C to 50°C Discharge: -10°C to 50°C
Cycle Life	≥ 5000 times (80% DOD) 1C
Cooling method	Liquid cooling
Battery recharge mode	**By Grid:** 400Vac (3P+N+PE) or 480Vac (3P+N+PE) **By DC fast charging station:** Can be configured to be charged via CCS 1, CCS 2, GB/T or CHAdeMO
EV Charging Specifications	
Output Power	60kw
Output Voltage	200 - 1000 VDC
DC Charging gun	Can be configured with one charging cable -CCS 1, CCS 2, GB/T or CHAdeMO
Charging Cable Length	7 Meter
Communication Protocol	OCPP 1.6J
General Specifications	
Network Connection	Movable
Charging Mode	7-inch touch screen
Charging Methods	English(Customizable)
Charging Mode	IP54
Charging Methods	Yes
Charging Mode	1580*930*1050mm
Charging Methods	≈910kg

141KWH-120KW
Mobile Charging Solution

- Off-grid, plug and play mobile EV DC fast charging station
- LiFePO4 battery and charging system integrated solution
- Payment methods can support RFID,OCPP1.6J and bank card readers(Customizable)
- Recharge mode supports AC grid and DC charging station input
- Single gun or double gun output, GBT,CCS 1,CCS 2 or CHAdeMO optiona
- Modular battery, designed for easier installation and servicing
- Application Scenario is emergency charging rescue services and door-to-door charging services

Parameters

Battery System Specifications	
Battery Capacity	141kwh
Battery Chemistry	LiFePO4
Operating Temperature	Charge: 0°C to 60°C Discharge: -30°C to 60°C
Cycle Life	≥ 5000 times (80% DOD) 1C
Cooling method	Liquid cooling
Battery recharge mode	**By Grid:** 400Vac (3P+N+PE) or 480Vac (3P+N+PE) **By DC fast charging station:** Can be configured to be charged via CCS 1, CCS 2, GB/T
EV Charging Specifications	
Output Power	120kw
Output Voltage	200 - 1000 VDC
DC Charging gun	Can be configured with 1 or 2 charging cable -CCS 1, CCS 2, GB/T or CHAdeMO
Charging Cable Length	7 Meter
Communication Protocol	OCPP 1.6J
General Specifications	
Network Connection	Movable
Charging Mode	7-inch touch screen
Charging Methods	English(Customizable)
Charging Mode	IP54
Charging Methods	Yes
Charging Mode	2300*1200*1000mm
Charging Methods	≈1682 kg

AC 2 Ways
Ebike Charging Station

- No need internet
- OTP password to start
- Full-charge auto-off
- No-load Auto Stop
- Overload protection
- Power-off memory

Parameters

Specifications			
Model	**M2**		
Plug No	2Ways		
Voltage	AC220±15%		
Power	3500W each way		
Ac Frequency Range	50Hz±3%		
Installation	Wall-mounted		
Dimensions (W * H * D)	90*290*60mm		
Environment			
Operation Temperature	-20℃~50℃	**Operation Altitude**	<2000M
Operation Humidity	5%~95%	**Protection Rate**	IP55
Cooling Types	Natural Cooling	**Overcurrent Protection Threshold**	≥110%
Operating			
Network Connection	Offline		
Charging Mode	Auto-Full		
Charging Methods	RFID card swiping		
Security			
Safety Function	Overcurrent protection, residual current protection, surge protection, over/under voltage protection, over/under frequency protection, short circuit protection		

AC 10 Ways
Ebike Charging Station

- Online control/Manage system/APP
- Multiple payment methods
- Ocpp1.6j can deploy on EVSE system

Parameters

Specifications			
Model	**M10**		
Plug No	10Ways		
Voltage	AC220±15%/AC120±15%		
Power	800W each way		
Ac Frequency Range	50/60 Hz±10%		
Installation	Wall-mounted		
Dimensions (W * H * D)	290*400*80mm		
Environment			
Operation Temperature	-30℃~70℃	**Operation Altitude**	≤2000M
Operation Humidity	<95%, non-condensing	**Protection Rate**	IP55
Cooling Types	Natural Cooling	**Overcurrent Protection Threshold**	≥110%
Operating			
Network Connection	4G / WIFI / LAN		
Charging Mode	Auto-Full		
Charging Methods	IC card / APP Bluetooth / Auto charging		
Protocol	OCPP1.6J		
Security			
Safety Function	Overcharge protection,Power measurement,Automatic meter reading		

E-bike Charger

580 W
Solar Photovoltaic Panel

- High Power Output
- High-efficiency Photoelectric Conversion
- High Reliability & Durability
- High Cost Performance & Return on Investment

Parameters

Specifications			
Model	**EVC-580**		
Maximum power	580W		
Maximum powertolerance(W)	0-5W		
Component efficiency	22.45%		
Maximum power pointoperating voltage	42.87V		
Maximum power pointoperating current	13.53A		
Open circuit voltage	49.02V		
Short circuit current	11.54A		
Battery specifications	182mm*91mm		
Battery quantity	144 pieces [2x(12x6)]		
Component size	2278*1134*30 mm		
Component weight	32.5kg		
Front glass	2.0mm Highly transparent coated glass		
Back glass	2.0mm Semi-tempered glass		
Component border	Anodized aluminum alloy		
Junction box	IP68, 3 diodes		
Cable type	TUV 1x4.0mm2 conductor length +300mm/-200mm		
Working temperature	-40℃~+85℃		
Maximum system voltage	150OV DC(IEC)		
Maximum rated fuse current	30A		
Output power tolerance	0~+5W		
Double-sided ratio	80+5%		
Maximum power temperature coefficient	-0.310 %/℃	**Open circuit voltage temperature coefficient**	-0.26%/℃
Short circuit current temperature coefficient	0.046%/℃	**Nominal operating temperature (NOcT)**	42±2℃

100 AH
Battery

- 100Ah per unit, supports up to 15 units in parallel.
- Maximum output/input current 50A
- 4.3-inch color touch display
- Equipped with Bluetooth and Wi-Fi communication & monitoring

Parameters

Specifications	
Model	**EVC-100A**
Rated Capacity	100Ah
Rated Power	2.6KW
Rated Voltage	51.2V
Charging Voltage	58.4V
Discharging Voltage	42.4V—58.4V
Maximum Continuous Charging Current	50A
Maximum Continuous Discharging Current	50A
Cycle Life	≥6000 cycles/25°C environment
Communication Method	RS232 / RS485 / CAN
Operating Temperature	-20°C to +55°C
Operating Humidity	< 95% RH
Waterproof Rating	IP 20
Energy Storage Tank Dimensions	550*340*256 mm
Energy Storage Tank Gross Weight	52 kg

200 AH
Battery

- 200Ah per unit, supports up to 15 units in parallel.
- Maximum output/input current 100A
- 4.3-inch color touch display
- Equipped with Bluetooth and Wi-Fi communication & monitoring

Parameters

Specifications	
Model	**EVC-200A**
Rated Capacity	200Ah
Rated Power	5.1KW
Rated Voltage	51.2V
Charging Voltage	58.4V
Discharging Voltage	42.4V—58.4V
Maximum Continuous Charging Current	100A
Maximum Continuous Discharging Current	100A
Cycle Life	≥6000 cycles/25°C environment
Communication Method	RS232 / RS485 / CAN
Operating Temperature	-20°C to +55°C
Operating Humidity	< 95% RH
Waterproof Rating	IP 20
Energy Storage Tank Dimensions	590*422*266 mm
Energy Storage Tank Gross Weight	95 kg

280 AH
Battery

- 280Ah per unit, supports up to 15 units in parallel.
- Maximum output/input current 150A
- 4.3-inch color touch display
- Equipped with Bluetooth and Wi-Fi communication & monitoring

Parameters

Specifications	
Model	**EVC-280A**
Rated Capacity	280Ah
Rated Power	7.6KW
Rated Voltage	51.2V
Charging Voltage	58.4V
Discharging Voltage	42.4V—58.4V
Maximum Continuous Charging Current	150A
Maximum Continuous Discharging Current	150A
Cycle Life	≥6000 cycles/25°C environment
Communication Method	RS232 / RS485 / CAN
Operating Temperature	-20°C to +55°C
Operating Humidity	< 95% RH
Waterproof Rating	IP 20
Energy Storage Tank Dimensions	830*422*266 mm
Energy Storage Tank Gross Weight	119kg

AC 6.5 KW Inverter

- Max. output power per unit: 6.5 kW, up to 9 units in parallel
- Supports parallel single-phase / three-phase output
- 1 MPPT input port, voltage range: 90V–500V
- ICE62109/610000

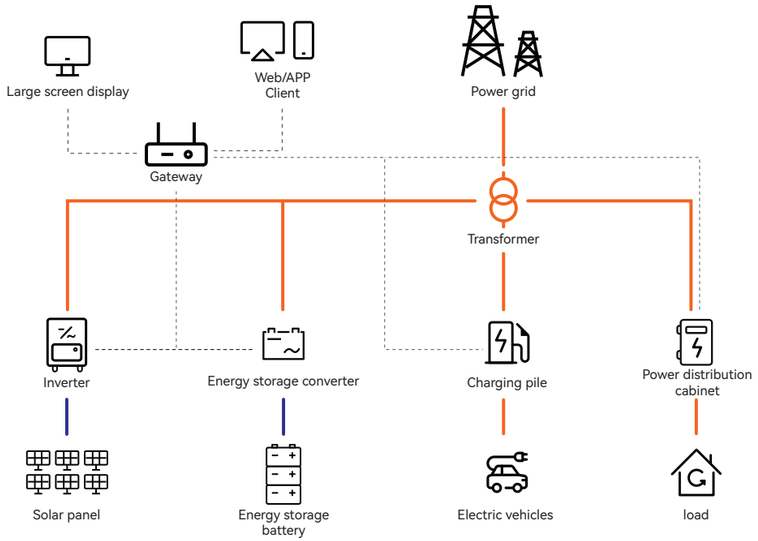
Parameters

Specifications			
Model		**EVC-650**	
Input format		L+N+PE	
Rated input voltage		220~240VAC	
Voltage range		90~280VAC	
Frequency range		50Hz/60HZ	
Rated power (battery inverter)	6500W	**Rated power (photovoltaic inverter)**	6500W
Output voltage		220~240VAC	
Output frequency		50Hz/60Hz	
Waveform		Pure sine wave	
Peak power		12000W	
Rated voltage		48VDC	
Constant voltage charging voltage(adjustable)		36~60VDC	
Float charge voltage (adjustable)		36~60VDC	
PV charging method		MPPT	
PV maximum input power		7800W	
MPPT input voltage range		90~500VDC	
Optimal Vmp working range		300~450VDC	
Maximum PV input voltage		550VDC	
Maximum PV input current		27A	
Maximum PV charging current		100A	
Maximum charging current	100A	**Noise**	≤50dB
Display mode	LCD and APP	**Communication method**	RS485/CAN/WIFI
Operating environment temperature	-10~50℃	**Operating environment humidity**	5%~95%
Storage temperature	-15~60℃	**Altitude**	≤4000m²

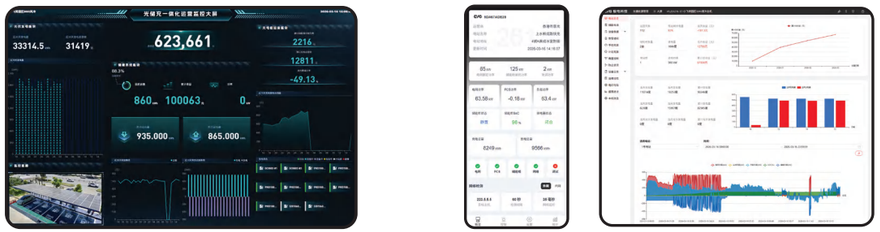
Charging Station

PV-Storage-Charging System

Topology Schematic



Software System



Application Scenarios

Charging station photovoltaic energy storage charging

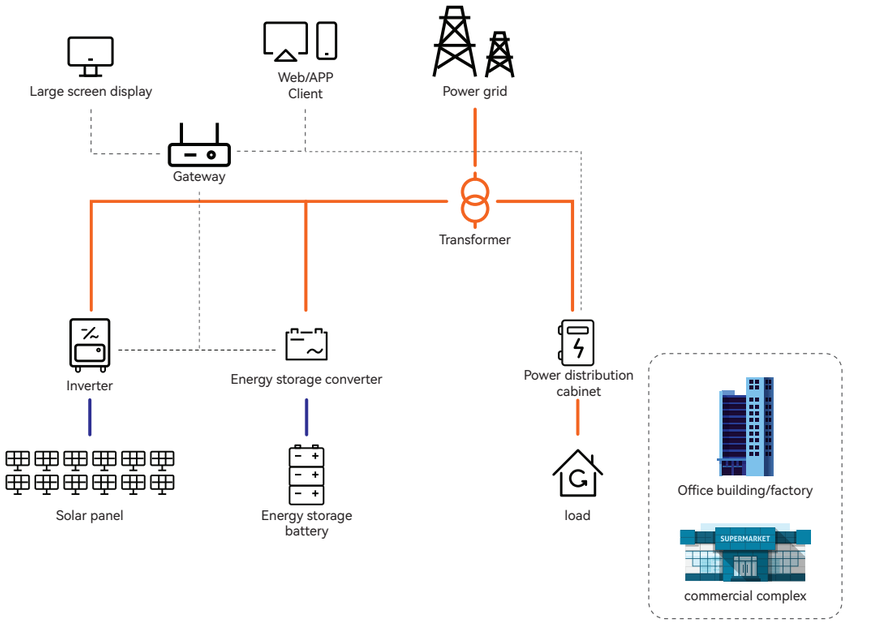
Photovoltaics + Energy Storage + High-Power Charging Piles: Reduce grid expansion costs and enable fast charging even during peak hours.

Community/Property Management: Optical Storage and Charging

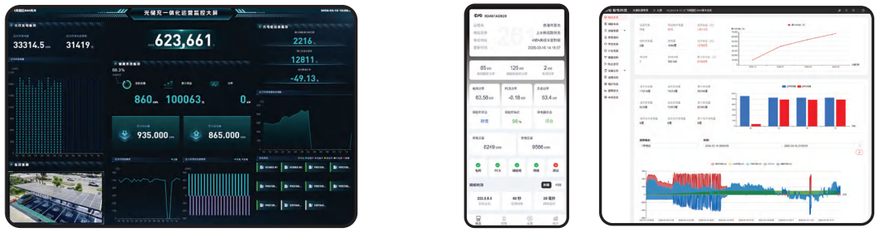
Stable power supply, green and convenient services.

Industrial & Commercial
PV-Storage-Charging System

Topology Schematic



Software System



Application Scenarios

Factory peak-valley electricity pricing management

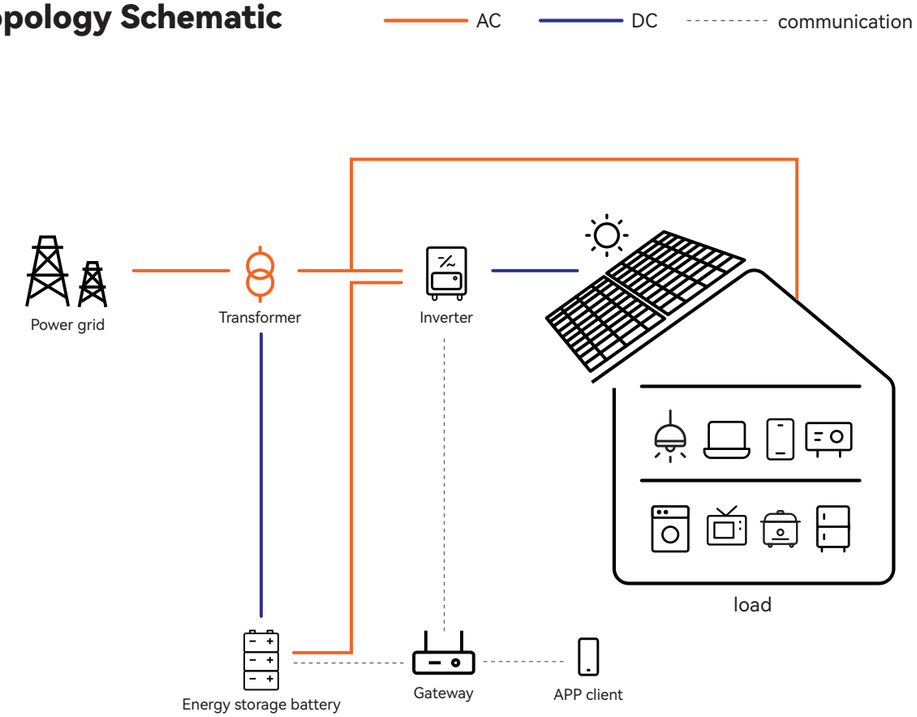
Energy storage systems charge during off-peak hours and discharge during peak hours, reducing electricity costs.

Emergency power supply for commercial complexes

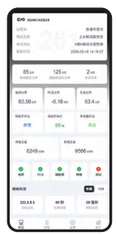
Provide stable power during sudden power outages to maintain operations.

Home Energy Storage

Topology Schematic

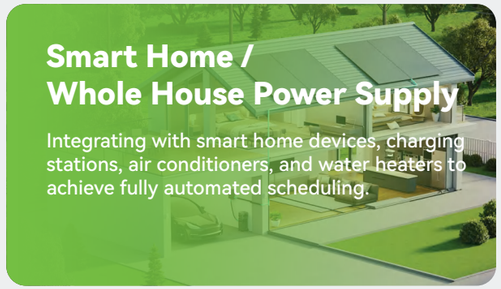


Software System



Effect Diagram

Application Scenarios



EVSC-2000-CCS2

Portable European Standard DC Pile Tester

- SLAC
- Initialisation
- Cable Check
- Precharge
- Current Demon
- Welding Detection
- Session Stop

Parameters

Specifications	
Model	**EVSC-2000-CCS2**
Measured Input	Single Gun, 200A
Operating power	85~260VAC
Maximum voltage	0~1000V
Maximum current	0~200A
Load connection mode	Connection via red and black ports DC+, DC-
Operating Temperature	-20℃ ~ +50℃
Storage temperature	-30℃ ~ +70℃
Relative humidity	5% ~ 90%
IP Protection Rating	IP20
Internal communication methods	PLC carrier communication
Internal communications protocol	HOME_PLUG GREEN PHY
External communication interface	RS232
Weights	30kg
Size	Approx: W630mm*D480mm*H300mm
Case Color	Black
Display mode	10-inch touch screen
Protective function	Ground protection, emergency stop protection

EVSE-2000-GB/T

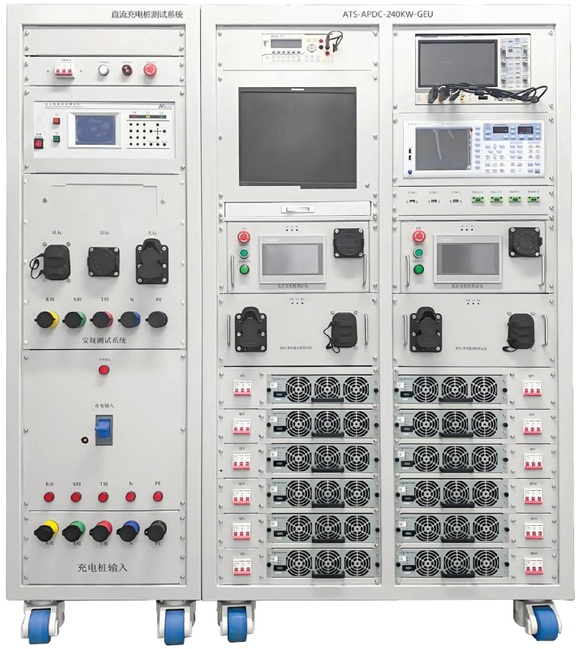
Portable European Standard DC Pile Tester

- SLAC
- Initialisation
- Cable Check
- Precharge
- Current Demon
- Welding Detection
- Session Stop

Parameters

Specifications	
Model	**EVSE-2000-GB/T**
Measured Input	Single Gun, 250A
Operating power	85~260VAC
Maximum voltage	0~1000V
Maximum current	0~250A
Load connection mode	Connection via red and black ports DC+, DC-
Operating Temperature	-20℃ ~ +50℃
Storage temperature	-30℃ ~ +70℃
Relative humidity	5% ~ 90%
IP Protection Rating	IP20
Internal communication methods	CAN BUS
Internal communications protocol	HOME_PLUG GREEN PHY
External communication interface	RS485、USB
Weights	22.6kg
Size	Approx: W630mm*D480mm*H300mm
Case Color	Black
Display mode	10-inch touch screen
Protective function	Ground protection, emergency stop protection

DC charging station ATE
Automated testing system



- High Efficiency &Comprehensive Protection
- Multi-protocol Message Monitoring & Simulation
- Flexible Battery & ChargingSimulation
- Multi-standard BMS Channel Support
- Pile-end Signal & PhysicalState Simulation
- Complete Pile-end Signal Acquisition

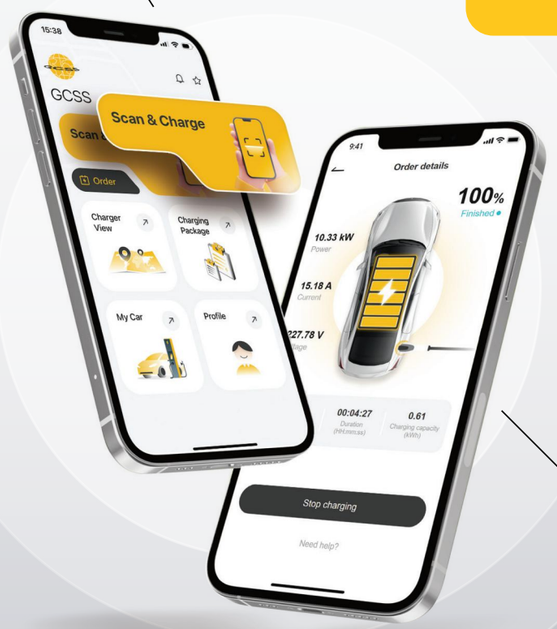
Parameters

GB 2015 +		
Essential parameter	Voltage	1000V
	Current	2015+ 600A
	BMS	BMS
Imitator	Standard	GB/T CCS2 CCS1
Direct current	Current	600A
	Scope	600A
	Accuracy	±0.5%
Volts d.c	Voltage	1000V
	Scope	1000V
	Accuracy	±0.5%
Power	Accuracy	±0.5%
BMS cell	Parameter	CHM、BHM、CRM、BRM、BCP、CTS、CML、BRO CRO、BCL、BCS、CCS、BSM、BMV、BMT、BSP、BST、 CTS、BSD、CSD、BEM、CEM
Cell voltage	Scope	305V
R4 resistance	Scope	Multiple impedance values are adjustable
Battery simulation	Scope	No, forward, reverse
2015	16 channel	250A/1000V
Charging parameters	With the charge	A / B gun charging function

Global Charge

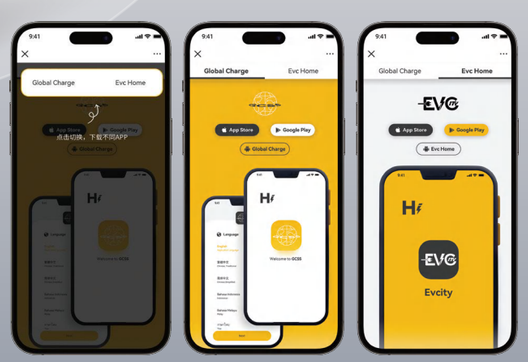
- Simple Homepage
- Easy Navigation
- Clear Charging Details

Global Charge



- Multiple Payment Methods
- Local Currency Settlement
- No Foreign Exchange Required

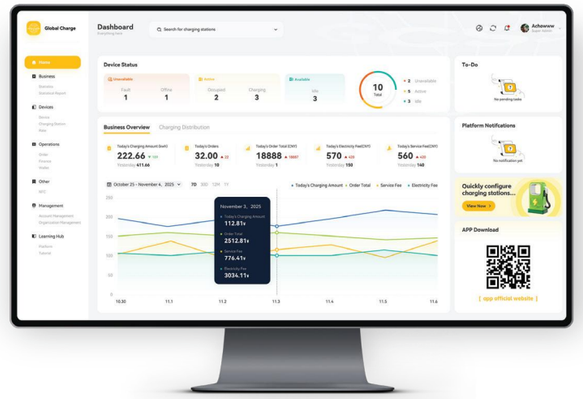
- Multilingual
- Multi-node
- Global Coverage

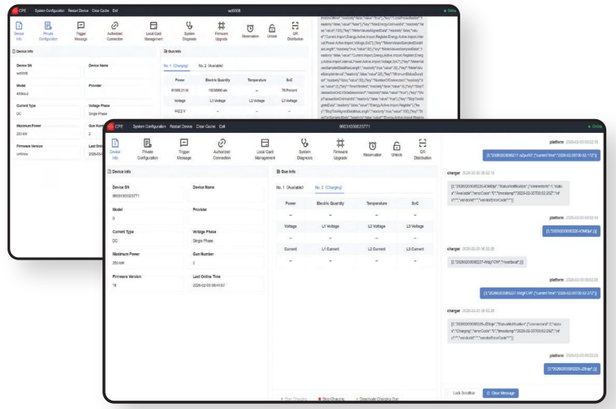


Cloud Platform

GCSS CPO

- Charging Background Management
- Efficient Operation
- Comprehensive Data Display





GCSS CPE

- Real-time Data Upload
- Data Monitoring
- Remote Management
- Server Monitoring

Charging Operation Management System

Platform Product And Service Architecture

Digitalization of production and business

Digitization of operations and management

Payment gateways	Supported languages
WeChat	Chinese (simplified/ traditional)
Alipay (Mainland\HK)	English
Bank card	Bahasa Indonesia
Visa	Malaysian
Master	Thai
Octopus	Vietnamese
Unionpay	Russian
Gcash	...
Truemoney	
Kakao pay	
Dana	
Bpi	
Boost	
Grabpay	
Maybank	
Paypay	
Line pay	
Promptpay	
Shopee pay	
Akulaku paylater	
Ovo	
Naver pay	
Payco	
Netbanking	
Qiwi	
Billease	
P24	

IOT platform		CPO platform			
Protocol	Charger management	Station management		Management analysis	Account management
OCPP2.0	Remote control	Charger monitoring	Contact maintenance personnel	Data summary	Financial withdrawal
OCPP1.6	Data collection	Rate template setting	Electrical loss adjustment	Revenue statistics	Bank card association
Private protocol	Fault Diagnosis	Station & charger pairing	Station visibility control	Troubleshooting	Role management
Ground lock and gate protocol	Communication log	Order lookup	Prepaid card management	Plot analysis	Account & password management

Manufacturer platform

Device information management				
	Device soft and hard restart	Local card management	EV charging system log view	Remote upgrade
	Authorization connection settings	Device parameter configuration	Communication log view	Equipment status diagnosis

User APP

Charging mode		Charger search		Account mangement		Activiation mode	
Scan code to charge	Swipe card to charge	Map search	Power filtering	Username and password login	NFC/IC card management	Full charge auto stop	Manual stop
Bluetooth enabled	Plug and charge	Station charger configuration	Charge fee detail	Charging history	Wallet management		Swipe to stop
/	/	Station bookmarking	/	Real-time order status	Account top-up		/

Payment Gateway

Hipercard · 八達通 Octopus · Itaú · Pago Fácil · Aura · webpay · Boleto Bancário · Boost · Bank Transfer · Alipay HK · PAYKU · kakaopay · Touch 'n Go eWallet · true money · dragonpay · GrabPay · Konbini · safetypay · SEPA · MyBank · paysafecard · iDEAL · Diners Club International · Discover · TrustPay · Neosurf · Skrill · QIWI · Sofort · VISA · mastercard · PayPal · JCB · 支付宝 ALIPAY · Pay · Google Play · UnionPay 银联 · 微信支付

Global Servers

Regions

Europe/ Middle East/Oceania/
East Asia/North America/Southeast Asia

Servers

100+

Over 100 cloud servers

Platform order volume

300,000 transactions/month

300,000 orders per month.

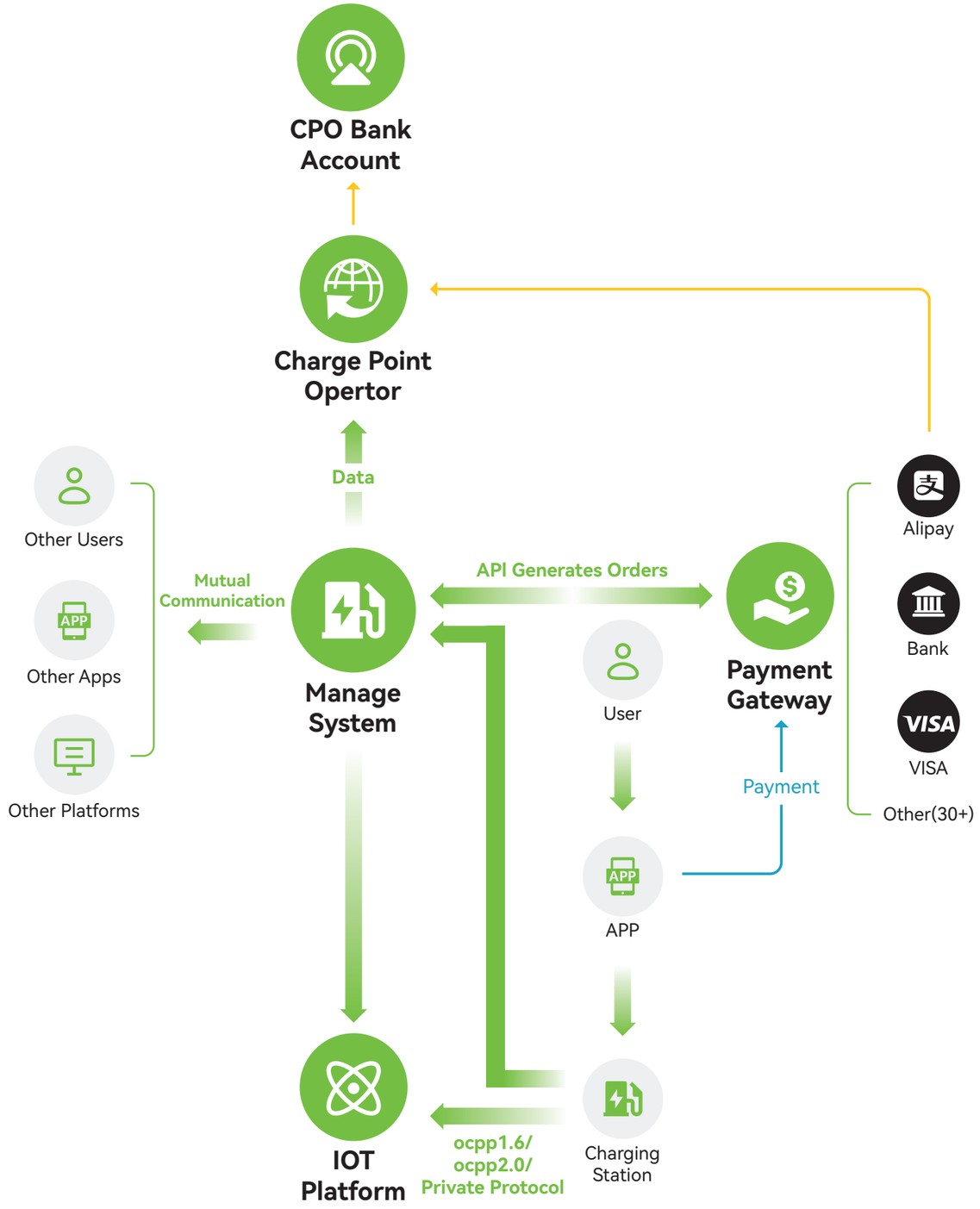
Production management

500 million

Assisted in generating over 500 million inoutput value.

Service Revenue Overview

With the charging pile enterprise platform as the core, we build a full-link charging pile service and revenue closed loop that integrates 'device management and control, order generation, diversified payment, and operator collaboration.



Cooperation Model

SaaS deployment

Rental-SaaS deployment refers to a model where users do not need to purchase servers, build systems, or invest in research and development maintenance. Instead, they can directly use standardized software services deployed on the cloud through leasing. Users can simply open an account as needed and start using the service. The service provider is responsible for system upgrades, operation and maintenance, and security. This model features low cost, fast launch, lightweight, and easy scalability.

Hosted mode

Each charging device pays a fixed amount of platform usagefeeevery month.

Commission model

A percentage of the total amount of each user chargingorder is paid to the platform as a usage fee.

Blend mode

Each charges 50% of the standard fee of the hosted mode and the commission mode.

Other cooperation modes

OEM

OEM service

Modify the APP to the customer's own brand and list it on Apple Store and Google Play.

Joint venture

Cooperate with GCSS to establish a branch in the local country.

Independent deployment

One-time purchase of the current source code, which covers a comprehensive platform for manufacturer, CPOs, and apps.

Custom softwareand hardware development

Customized platform and app development tailored to your.

Cooperation

Strategic Partners

VISA

Alibaba Group 阿里巴巴集团

mastercard

Tencent 腾讯

八達通 Octopus

Google Cloud

amazon web services

Project Case Study

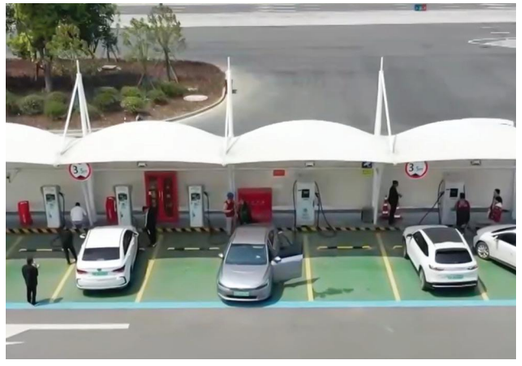
Fleet

Charging facilities for a diverse fleet encompassing buses, taxis, logistics vehicles, and electric heavy-duty trucks.

Project Case Study

Transportation Hub

Ideal for deployment in transportation hubs such as airports, railway stations, and highway service areas.



Workplace

Applicable to parking areas of factories,enterprises,government agencies,hospital,and school.

Project Case Study

E-Bike

Suitable for apartments, subway stations and affordable housing.

Commercial Real Estate

Designed for use in commercial parking lots such as hotels, office and tourism spots.