HiCi

GREEN TECHNOLOGY
ZERO-CARBON LIFE

en.hicitech.com

To Be the Global Leading Brand in Digital Power Field!

50+
Countries

200+
Cities

320+
Employees

120+
Patents & Copyrights

600kW
DC Charging Speed

20,000+
DC Chargers

HICI E-Mobility Introduction

HICI is a technology leading company to provide smart charging solution for E-Mobility.

HICI has over 15+ years of experience in designing, manufacturing, installing and maintaining electric vehicle charging infrastructure. With a team of 300+ employees in which over 30% R&D employees to garantee the best-in class technology.

HICI EV chargers have already been applied to more than 200 cities in China and over 50 countries all over the world. HICI E-Mobility aimes to contribute to the smart, reliable, and emission-free mobility.

HiCi

STRATEGIC PARTNERS

Mercedes-Benz · PSA The World's Port of Call · TOTAL

BYD · GEELY AUTO · YUTONG

SANY · ZHONG TONG BUS · DFM

HIGER · NAVISTAR · XCMG

陕汽重卡 · ZXAUTO · VOYAH

R&D Testing

30%+ R&D Employees

- Hardware
- Sofware
- Platform

Professional Labotory for Parts & Complete Charger

- Salt Mist Test Chamber
- Dust Proof Test Chamber
- Water Proof Test System
- High and Low Temperature (wet and hot) Test Chamber

Production & Manufacturing

2 AC Charger Lines
2200 PCS/month

3 DC Charger Lines
660 PCS/month

- MES System
- Advanced Auto-production Line
- ISO9001 / ISO14001 / OHSAS18001

Benefits at a glance

Dynamic and scalable

- Modular and scalable power
- Dynamic power allocation
- Parallel charging

Efficient and grid-friendly

- Best-in-class efficiency
- High short-circuit withstand capability
- Low harmonic distortion

User-friendly

- Intuitive multi-language
- Visible display as an option
- Plug&Charge/RFID Card/APP as option

State-of-the-art and future-proof

- Upgradeable to latest standards
- Wide output voltage range(150-1000VDC)
- Open OCPP communication

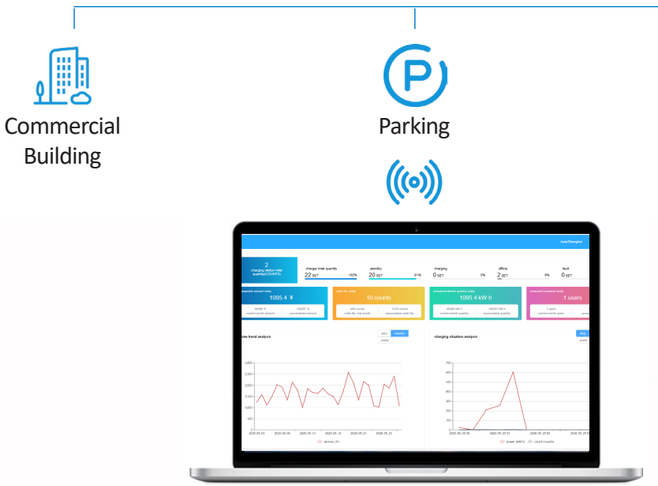
Confidence

- High availability
- Industry-leading cybersecurity and functional safety
- Excellent serviceability

Robust and reliable

- Outdoor protection IP55
- High vandalism protection (IK10)
- Long-lasting components

Intelligent Management System



Versatility For Everyone & Anywhere

7kW / 11kW / 22kW AC Charger

Fleet | Highway | Stations | Retail

- Simply charge everywhere
- Right configuration for every use
- Ideal charging station for every application

Technical Specification

CHARGE POST	
Charging type	AC Charger
Localization	CE
OUTLET OPTIONS	
Max AC output power rating	7kW ,11kW ,22kW
Input voltage range	400 VAC +/- 15% (50 Hz or 60 Hz),230VAC,400VAC
Connector types	3P + N + PE,1P + N + PE,3P + N + PE
Input AC power rating(MAX)	32A ,16A ,32A
Power factor (full load)	> 0.99
Standby power	10W
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC leakage protection, integrated surge protection
USER INTERFACE	
ConnectSGCCivity	4G , Ethernet
User authentication	App, RFID, MAC
Communication protocols	OCPP 1.6 JSON
RFID Reader	ISO 14443
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6
GENERAL CHARACTERISTICS	
IP and IK rating	IP-65 and IK-10 (cabinet) / IK- 8 (touchscreen)
Operational altitude	Up to 2500 m
Operating temperature range	-30°C to + 55°C (power de - rating applies)
Humidity	5 -95 % Rh non- condensing
Dimensions (H x W x D)	270mm*138mm*400mm
Cable length	5 meters
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24 , IEC 62196 - 2, IEC 62196 -3, IEC 61000
Communication to the EV	DIN 70121

Space-saving With Easy-to-install Design

30kW DC Charger

Fleet | Highway | Stations | Retail

- CCS charging up to 100A
- Small footprint, high durability, built to last for 15+ years
- Futureproof investment supporting current and future EVs with high voltage charging

Technical Specification

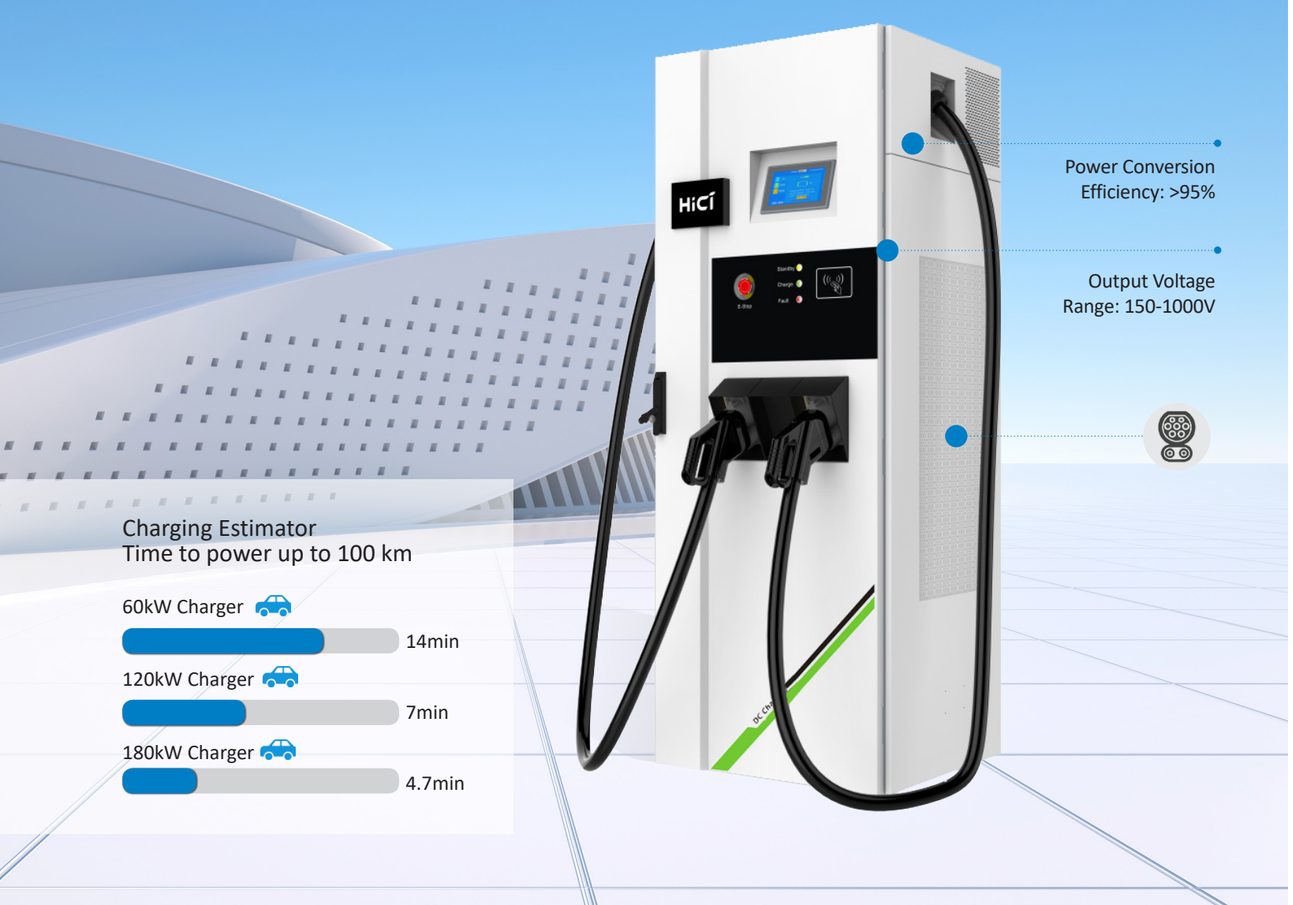
CHARGE POST	
Charging type	DC Charger
Localization	CE
OUTLET OPTIONS	
Max DC output power rating	30kW
Input voltage range	400 VAC +/- 15% (50 Hz or 60 Hz)
Connector types	3P + N + PE
Input AC power rating(MAX)	55A
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150 -1000 Vdc
Outlet current	CCS 100A (support dual- plug)
Efficiency	> 95% (peak)
Standby power	50W*N (Plug)
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC leakage protection, integrated surge protection
Energy metering	MID
USER INTERFACE	
ConnectSGCCivity	4G , Ethernet
User authentication	App, RFID, MAC, Screen button
User interface	7" LCD touchscreen
Communication protocols	OCPP 1.6 JSON
RFID Reader	ISO 14443
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6
Multilanguage system	English, French, Spanish, Russian and Chinese
GENERAL CHARACTERISTICS	
IP and IK rating	IP-54 and IK-10 (cabinet) / IK- 8 (touchscreen)
Operational altitude	Up to 2500 m
Operating temperature range	-30°C to + 55°C (power de - rating applies)
Humidity	5 -95 % Rh non- condensing
Dimensions (H x W x D)	500mm*339mm*720mm
Weight	80kg
Cable length	5 meters
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24 , IEC 62196 - 2, IEC 62196 -3, IEC 61000
Communication to the EV	DIN 70121

Future-proof Flexibility

60/120/180kW Plug-in Charger

Fleet | Highway | Stations | Retail

- Charge 2 vehicles simultaneously
- Suited for current and next generation EVs
- Dynamic power allocation and optimized charging time
- Industry-leading cybersercurity and functional saftey



Technical Specification

CHARGE POST	
Charging type	DC Charger
Localization	CE , TR25
OUTLET OPTIONS	
Max DC output power rating	60kW ,120 kW , 180kW
Input voltage range	400 VAC +/- 15% (50 Hz or 60 Hz)
Connector types	3P + N + PE
Input AC power rating(MAX)	110A , 220A , 330A
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150 -1000 Vdc
Outlet current	CCS 200A,300A (support dual- plug)
Efficiency	> 95% (peak)
Standby power	50W*N (Plug)
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC leakage protection, integrated surge protection
Energy metering	MID
USER INTERFACE	
ConnectSGCCivity	4G , Ethernet
User authentication	App, RFID, MAC, Screen button
User interface	7" LCD touchscreen
Communication protocols	OCPP 1.6 JSON
RFID Reader	ISO 14443
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6
Multilanguage system	English, French, Spanish, Russian and Chinese
GENERAL CHARACTERISTICS	
IP and IK rating	IP-55 and IK-10 (cabinet) / IK- 8 (touchscreen)
Operational altitude	Up to 2500 m
Operating temperature range	-30°C to + 55°C (power de - rating applies)
Humidity	5 -95 % Rh non- condensing
Dimensions (H x W x D)	750mm*630mm*1600mm
Weight	≤438kg
Cable length	5 meters
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24 , IEC 62196 - 2, IEC 62196 -3, IEC 61000
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Multifunctional Solution for Your Fleets

180kW+43kW Multi-Standards

Fleet | Highway | Stations | Retail

- Suitable for public charging, retail, office and more
- Charge up to three vehicules simultaneously
- Serving up to 3 vehicles at the same time, 2 fast-charging and one AC charging.

Technical Specification

CHARGE POST	
Charging type	DC Charger
Localization	CE , TR25
OUTLET OPTIONS	
Max DC output power rating	**DC**:60kW ,120kW , 180kW; **AC**:7kW ,22kW ,43kW (Optional)
Input voltage range	400 VAC +/- 15% (50 Hz or 60 Hz)
Connector types	3P + N + PE
Input AC power rating(MAX)	110A , 220A , 330A (32A/64A)
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150 -1000 Vdc
Outlet current	**DC**:CCS 200A,250A,300A (support dual- plug); **AC**:32\63A
Efficiency	> 95% (peak)
Standby power	50W*N (Plug)
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC leakage protection, integrated surge protection
Energy metering	MID
USER INTERFACE	
ConnectSGCCivity	4G , Ethernet
User authentication	App, RFID, MAC, Screen button
User interface	7" LCD touchscreen
Communication protocols	OCPP 1.6 JSON
RFID Reader	ISO 14443
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6
Multilanguage system	English, French, Spanish, Russian and Chinese
GENERAL CHARACTERISTICS	
IP and IK rating	IP-55 and IK-10 (cabinet) / IK- 8 (touchscreen)
Operational altitude	Up to 2500 m
Operating temperature range	-30°C to + 55°C (power de - rating applies)
Humidity	5 -95 % Rh non- condensing
Dimensions (H x W x D)	750mm*630mm*1600mm
Weight	≤438kg
Cable length	5 meters， 8 meters， 10 meters
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24 , IEC 62196 - 2, IEC 62196 -3, IEC 61000
Communication to the EV	DIN 70121

High Power Versatility for Public Charging

240kW/300kW/360kW

Fleet | Highway | Stations | Retail

- The word's fastest high power charger,delivering up to 360kW
- Fully customizable housing and founctions so your company branding always stands out
- Sharing power to serve 2 vehicules with dynamic power allocation

Technical Specification

CHARGE POST	
Charging type	DC Charger
Localization	CE , TR25
OUTLET OPTIONS	
Max DC output power rating	240 kW , 300 kW , 360 kW
Input voltage range	400 VAC +/- 15% (50 Hz or 60 Hz)
Connector types	3P + N + PE
Input AC power rating(MAX)	438A , 550A , 660A
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150 -1000 Vdc
Outlet current	CCS 300A (support dual- plug)
Efficiency	> 95% (peak)
Standby power	50W*N (Plug)
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC leakage protection, integrated surge protection
Energy metering	MID
USER INTERFACE	
ConnectSGCCivity	4G , Ethernet
User authentication	App, RFID, MAC, Screen button
User interface	7" LCD touchscreen
Communication protocols	OCPP 1.6 JSON
RFID Reader	ISO 14443
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6
Multilanguage system	English, French, Spanish, Russian and Chinese
GENERAL CHARACTERISTICS	
IP and IK rating	IP-55 and IK-10 (cabinet) / IK- 8 (touchscreen)
Operational altitude	Up to 2500 m
Operating temperature range	-30°C to + 55°C (power de - rating applies)
Humidity	5 -95 % Rh non- condensing
Dimensions (H x W x D)	800mm*788mm*1800mm
Weight	≤707kg
Cable length	5 meters
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24 , IEC 62196 - 2, IEC 62196 -3, IEC 61000
Communication to the EV	DIN 70121

Space Saving Solution-SPLIT TYPE

Fan Cooling Charging Ternimal

Fleet | Highway | Stations | Retail

- Scalable power and extendable DC outlets
- Supporting all charging standards
- Cost-efficient and space-saving

Technical Specification

CHARGE POST	
Charging type	DC Charger
Localization	CE , TR25
OUTLET OPTIONS	
Max DC output power rating	240kW ,300 kW , 360kW(POWER CABINET); 200kW(TERMINAL)
Input voltage range	400 VAC +/- 15% (45 Hz or 60 Hz)
Connector types	3P + N + PE
Input AC power rating(MAX)	547A
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150 -1000 Vdc
Outlet current	CCS 200A,250A,300A (support dual- plug)
Efficiency	> 95% (peak)
Standby power	50W*N (Plug)
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC leakage protection, integrated surge protection
USER INTERFACE	
ConnectSGCCivity	4G , Ethernet
User authentication	App, RFID, MAC, Screen button
User interface	7" LCD touchscreen
Communication protocols	OCPP 1.6 JSON
RFID Reader	ISO 14443
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6
Multilanguage system	English, French, Spanish, Russian and Chinese
GENERAL CHARACTERISTICS	
IP and IK rating	IP-54 and IK-10 (cabinet) / IK- 8 (touchscreen)
Operational altitude	Up to 2500 m
Operating temperature range	-30°C to + 55°C (power de - rating applies)
Humidity	5 -95 % Rh non- condensing
Dimensions (H x W x D)	396mm*300mm*1505mm(POWER CABINET); 820mm*820mm*1980mm(TERMINAL)
Weight	78kg
Cable length	5 meters
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24 , IEC 62196 - 2, IEC 62196 -3, IEC 61000
Communication to the EV	DIN 70121

Space Saving Solution-SPLIT TYPE

Liquide Cooling Charging Ternimal

Fleet | Highway | Stations | Retail

- CCS charging up to 500A
- 100 km of range in less than 3 minutes
- Suited for current and next generation EVs

Technical Specification

CHARGE POST	
Charging type	DC Charger
Localization	CE , TR25
OUTLET OPTIONS	
Max DC output power rating	240kW ,300 kW , 360kW(POWER CABINET); 500kW(TERMINAL)
Input voltage range	400 VAC +/- 15% (45 Hz or 60 Hz)
Connector types	3P + N + PE
Input DC power rating(MAX)	438A , 547A
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150 -1000 Vdc
Outlet current	500A
Efficiency	> 95% (peak)
Standby power	50W*N (Plug)
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC leakage protection, integrated surge protection
USER INTERFACE	
ConnectSGCCivity	4G , Ethernet
User authentication	App, RFID, MAC, Screen button
User interface	7" LCD touchscreen
Communication protocols	OCPP 1.6 JSON
RFID Reader	ISO 14443
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6
Multilanguage system	English, French, Spanish, Russian and Chinese
GENERAL CHARACTERISTICS	
IP and IK rating	IP-55 and IK-10 (cabinet) / IK- 8 (touchscreen)
Operational altitude	Up to 2500 m
Operating temperature range	-30°C to + 55°C (power de - rating applies)
Humidity	5 -95 % Rh non- condensing
Dimensions (H x W x D)	600mm*380mm*2200mm(POWER CABINET); 820mm*820mm*1980mm(TERMINAL)
Weight	180KG
Cable length	5 meters
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24 , IEC 62196 - 2, IEC 62196 -3, IEC 61000
Communication to the EV	DIN 70121

Space Saving Solution-SPLIT TYPE

Pantograph Ternimal

Fleet | Highway | Stations | Retail

- Charge in 3 to 6 minutes,instantaneous charging in the day
- WIFI communication mode adopted to achieve data exchange
- SCHUNK brand pantograph adopted, with falling type/rising type optional

Technical Specification

CHARGE POST	
Charging type	DC Charger
Localization	CE , TR25
OUTLET OPTIONS	
Max DC output power rating	240 kW , 360kW(POWER CABINET); 850 kW(Pantograph)
Input voltage range	400 VAC +/- 15% (45 Hz or 60 Hz)
Connector types	3P + N + PE
Input DC power rating(MAX)	438A , 547A
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150 -1000 Vdc
Outlet current	CCS 200A,300A (support dual- plug)
Efficiency	> 95% (peak)
Standby power	50W*N (Plug)
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC leakage protection, integrated surge protection
Energy metering	MID
USER INTERFACE	
ConnectSGCCivity	4G , Ethernet
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Multilanguage system	English, French, Spanish, Russian and Chinese
GENERAL CHARACTERISTICS	
IP and IK rating	IP-55 and IK-10 (cabinet) / IK- 8 (touchscreen)
Operational altitude	Up to 2500 m
Operating temperature range	-30°C to + 55°C (power de - rating applies)
Humidity	5 -95 % Rh non- condensing
Dimensions (H x W x D)	3174mm*1681mm*4866mm
Weight	2100kg
Cable length	5 meters
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24 , IEC 62196 - 2, IEC 62196 -3, IEC 61000
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Singapore

PSA Port

HICI EV Chargers

7 sets of 300KW Split Type Fan Cooling Charger

7 pieces 120KW DC Chargers

Singapore

LTA (Land Transport Authority)

HICI EV Chargers

2 EV charging stations

11 pieces 90kW DC chargers for each station(22 in total)

Still in good working condition since 2019

Romania

Government Demonstration Project

HICI EV Chargers

151 pieces 60KW DC Chargers

44 sets PANTOGRAPH CHARGING SYSTEM

KEY RESULTS

60KW DC + PANTOGRAPH to meet the day and night charging requirements

Qatar

FIFA WORD CUP

HICI EV Chargers

For 888 E-buses

Automatic charging system

UK

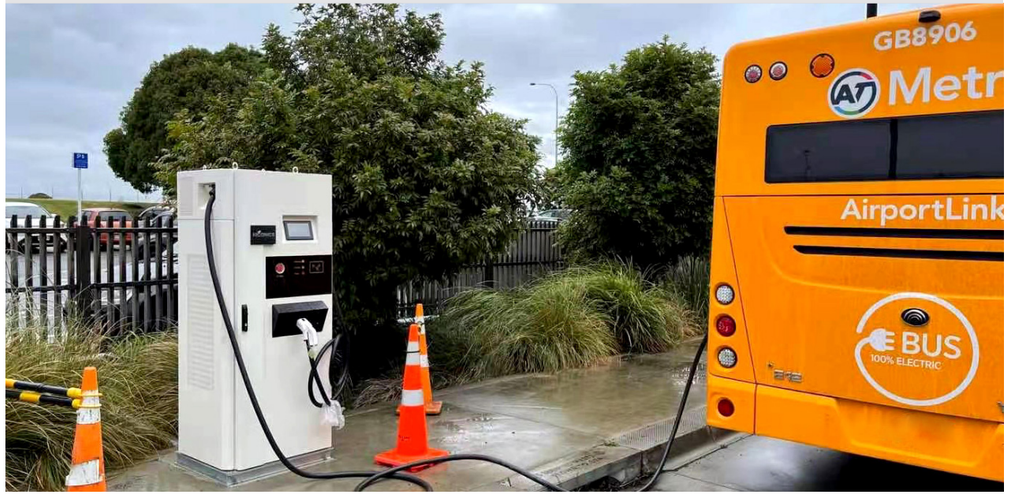
For E-buses company
Embedded in fleet management system

HICI EV Chargers
Since 2017
Technique Support
8 EV charging stations
50 pieces 120kW/150kW DC chargers

NEW ZEALAND

Government Infrastructure Project

HICI EV Chargers
2 pcs DC 150kW + AC 43kw type EV charger
38 pcs of the same type for project phase II



France

For E-buses company
Embedded in fleet management system

HICI EV Chargers
15 pieces 60kW DC chargers Technique Support

CHINA

TOTAL 1st charging station in China

HICI EV Chargers
12 PCS 120kW dual-gun
For 24 vehicules

More than charging
Experience peace of mind

We offer you world-class services and support throughout the entire lifetime of your charging equipment thus assuring the maximum uptime and highest availability of your chargers.

Remote services

- 365/7/24 connectivity
- Remote services
- Remote diagnostics
- Firmware upgrades

On-site service and parts availability

- Standard warranty execution
- Extended warranty options
- Servicelevelagreements
- Preventive service and maintenance
- Spare parts program

Training

- Standardized online training
- Customized service training.
- Third-party service training programs
- Custom software services

OCPP integration

- Autocharge integration testing
- Interoperability testing and validation
- Customized software integration support

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