



HiCi EV CHARGING SOLUTION

en.hicitech.com

HiCi Digital Power Technology Co., Ltd.

About HiCI

HiCI is a technology leading company to provide smart charging solution for digital power application.

HiCI has over 8+ years of experience in designing, manufacturing, installing and maintaining electric vehicle charging infrastructure. With a team of 330+ employees in which over 30% R&D employees to guarantee 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 aims to contribute to the smart, reliable, and emission-free mobility.

50⁺

Countries

200⁺

Cities

330⁺

Employees

120⁺

Patents & Copyrights

720kW

DC Charging Speed

20,000⁺

DC Chargers

STRATEGIC PARTNERS



About R&D Testing



30%+ R&D Employees

- Hardware
- Software
- Platform



Test Centre for Parts
& Complete Charger

- Salt Mist Test Chamber
- Dust Proof Test Chamber
- Water Proof Test System
- High and Low Temperature Test Chamber

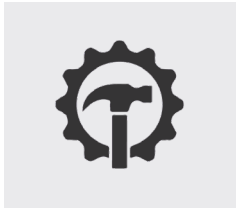




Production & Manufacturing



2 AC Charger Lines
2200 PCS/month



3 DC Charger Lines
660 PCS/month

- MES Management System
High Efficiency: Time-efficient & Availability
Quality Assurance: Traceability & Poka-Yoke
- ISO9001 / ISO14001 / ISO45001 /IATF16949



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

CSMS System

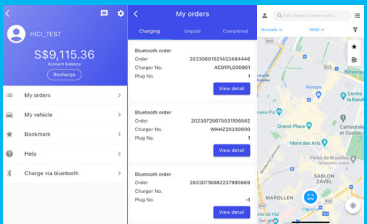
FRONT - END SYSTEM



HMI User Interface

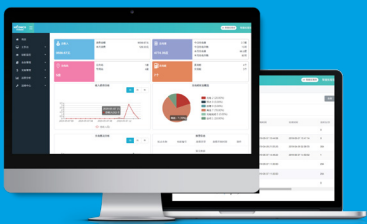
- Battery Info Display
- Charging Status Display
- Program Update Remotely
- Multimedia Commercials Display

BACK - END SYSTEM



Mobile APP

- Charging Appointment
- Charging Status Monitoring
- Chargers Search and Navigate



Back Office

- Multimedia Commercials
- Charging Station Operation
- Payment System Interface
- Charging Data Management

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 & TR25
OUTLET OPTIONS	
Max AC output power rating	7kW ,11kW ,22kW
Input voltage range	230VAC, 400 VAC +/- 15% (50 Hz or 60 Hz)
Connector types	L+N+PE, 3P+N+PE
Input AC power rating(MAX)	32A(Single phase) ,16A ,32A(Three phase)
Power factor (full load)	> 0.99
Standby power	< 10W
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC leakage protection, integrated surge protection
USER INTERFACE	
Connectivity	4G, Ethernet, WiFi , Bluetooth
User authentication	RFID
RFID Reader	ISO 14443
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6J (Extendable to ocpp2.0)
GENERAL CHARACTERISTICS	
IP and IK rating	IP-65 and IK-10 (cabinet)
Operational altitude	Up to 2500 m
Operating temperature range	-30°C to + 55°C
Humidity	5 -95 % Rh non- condensing
Dimensions (W x D x H)	278mm*135mm*408mm
Cable length	5 meters (8m/10m optional)
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 22 , IEC 62196 - 2, IEC 62196 -3

Space-saving With Easy-to-install Design

30kW DC Charger

Fleet | Highway | Stations

- 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

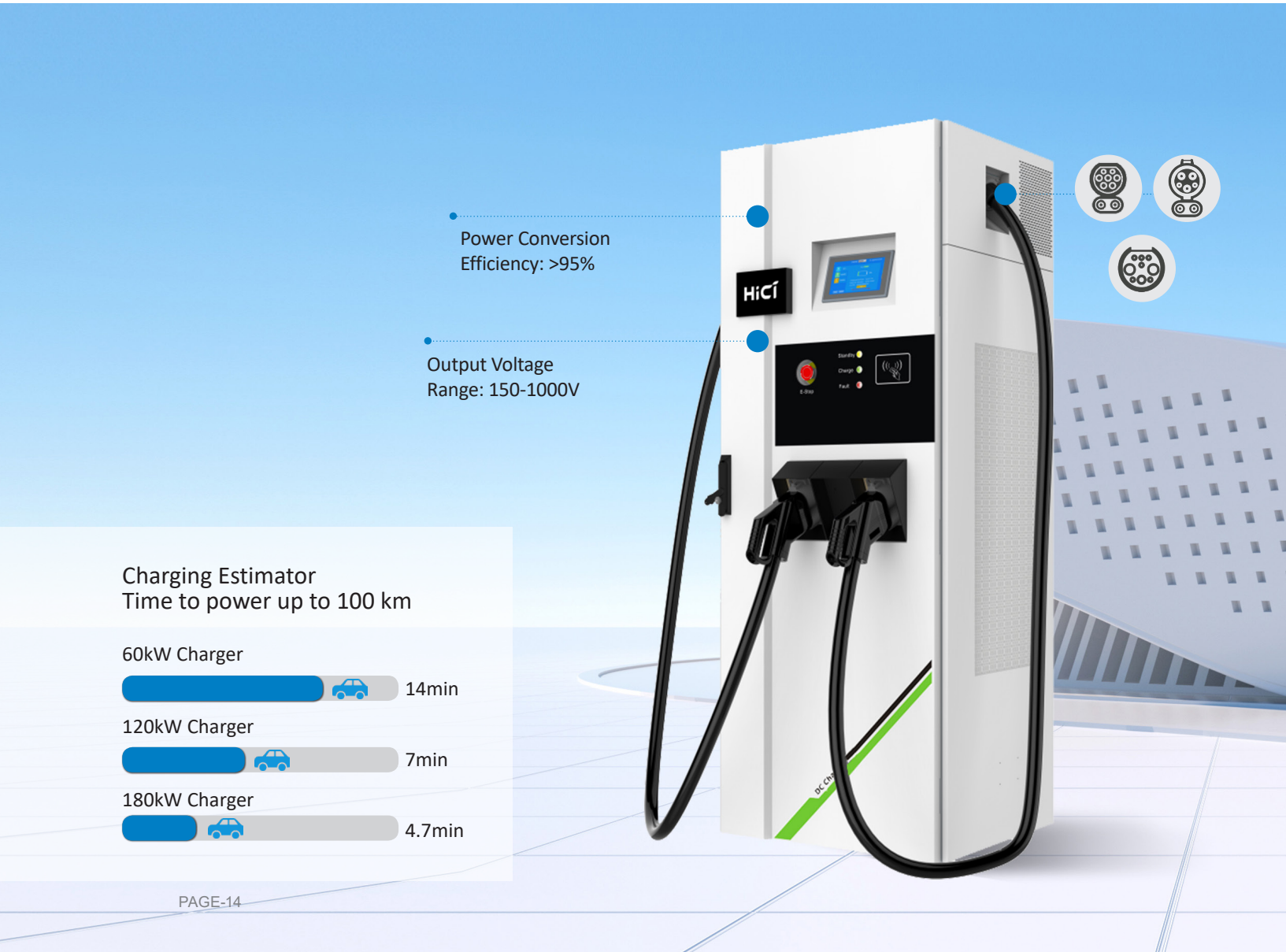
CHARGE POST	
Charging type	DC Charger
Localization	CE
OUTLET OPTIONS	
Max DC output power rating	30kW
Input voltage range	400 VAC +/- 15% (50 Hz or 60 Hz)
Connector types	3P + N + PE
Input AC power rating(MAX)	55A
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150 -1000 VDC
Outlet current	CCS 100A
Efficiency	> 95% (peak)
Standby power	< 50W
Protection	OVP, OCP, OPP, OTP, UVP, SCP, LVP, Residual current detection, Surge protection, Door Access , RCD Protection
Energy metering	MID
USER INTERFACE	
Connectivity	4G , Ethernet
User authentication	RFID, MAC, Screen button
User interface	7" LCD touchscreen
RFID Reader	ISO 14443
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6J (Extendable to ocpp2.0)
Multilanguage system	English, French, Spanish, Russian and Chinese (Customized Language)
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
Humidity	5 -95 % Rh non- condensing
Dimensions (W x D x H)	500mm*339mm*720mm
Weight	≤ 80kg
Cable length	5 meters (8m/10m optional)
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24 , IEC 62196 - 1, IEC 62196 -3
Communication to the EV	ISO15118 (Extensible)

Future-proof Flexibility

60kW / 120kW / 180kW Plug-in Charger

Fleet | Highway | Stations

- 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, 250A, 300A (support dual- plug)
Efficiency	> 95% (peak)
Standby power	< 50W*N (Plug)
Protection	OVP, OCP, OPP, OTP, UVP, SCP, LVP, Residual current detection, Surge protection, Door Access , RCD Protection
Energy metering	MID
USER INTERFACE	
Connectivity	4G , Ethernet
User authentication	RFID, MAC, Screen button
User interface	7" LCD touchscreen
RFID Reader	ISO 14443
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6J (Extendable to ocpp2.0)
Multilanguage system	English, French, Spanish, Russian and Chinese(Customized Language)
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
Humidity	5 -95 % Rh non- condensing
Dimensions (W x D x H)	750mm*630mm*1912mm
Weight	≤438kg
Cable length	5 meters (8m/10m optional)
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24 , IEC 62196 - 1, IEC 62196 -3
Communication to the EV	ISO15118 (Extensible)

Multifunctional Solution for Your Fleets

180kW+43kW Multi-Standards

Fleet | Highway | Stations

- Suitable for public charging, retail, office and more
- Serving up to 3 vehicles at the same time, 2 DC plugs and 1 AC plug



Technical Specification

CHARGE POST	
Charging type	DC Charger, AC 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/63A)
Power factor (full load)	> 0.99
THDi	< 5%
Output voltage	DC:150 -1000 VDC AC:230 -400 VAC
Outlet current	DC:CCS 200A,250A,300A (support dual- plug); AC:32/63A
Efficiency	> 95% (peak)
Standby power	< 50W*N (Plug)
Protection	OVP, OCP, OPP, OTP, UVP, SCP, LVP, Residual current detection, Surge protection, Door Access , RCD Protection
Energy metering	MID
USER INTERFACE	
Connectivity	4G , Ethernet
User authentication	RFID, MAC, Screen button
User interface	7" LCD touchscreen
RFID Reader	ISO 14443
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6J (Extendable to ocpp2.0)
Multilanguage system	English, French, Spanish, Russian and Chinese(Customized Language)
GENERAL CHARACTERISTICS	
Operational altitude	Up to 2500 m
IP and IK rating	IP-55 and IK-10 (cabinet) / IK- 8 (touchscreen)
Operating temperature range	-30°C to + 55°C
Humidity	5 -95 % Rh non- condensing
Dimensions (W x D x H)	750mm*630mm*1912mm
Weight	≤ 438kg
Cable length	5 meters (8m/10m optional)
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 22 ,IEC61851-23 , IEC 61851- 24 , IEC 62196 - 1 ,IEC62196-2 IEC 62196 -3
Communication to the EV	ISO15118 (Extensible)

High Power Versatility for Public Charging

240kW / 300kW / 360kW

Fleet | Highway | Stations

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



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)	440A , 550A , 660A
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150~1000VDC
Outlet current	CCS 250A, 300A (support dual- plug)
Efficiency	> 95% (peak)
Standby power	< 50W*N (Plug)
Protection	OVP, OCP, OPP, OTP, UVP, SCP, LVP, Residual current detection, Surge protection, Door Access , RCD Protection
Energy metering	MID
USER INTERFACE	
Connectivity	4G , Ethernet
User authentication	RFID, MAC, Screen button
User interface	7" LCD touchscreen
RFID Reader	ISO 14443
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6J (Extendable to ocpp2.0)
Multilanguage system	English, French, Spanish, Russian and Chinese(Customized Language)
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
Humidity	5 -95 % Rh non- condensing
Dimensions (W x D x H)	800mm*788mm*1980mm
Weight	≤707kg
Cable length	5 meters (8m/10m optional)
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24 , IEC 62196 - 1, IEC 62196 -3
Communication to the EV	ISO15118 (Extensible)

Space Saving Solution-SPLIT TYPE

Fan Cooling dispenser - Single Gun

Fleet | Highway | Stations

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



Technical Specification

CHARGE POST	
Charging type	DC Charger
Localization	CE & TR25
OUTLET OPTIONS	
Max DC output power rating	240kW , 300 kW , 360kW(Power cabinet)
Input voltage range	400 VAC +/- 15% (45~60 Hz)
Connector types	3P + N + PE
Input AC power rating(MAX)	440A , 550A , 660A
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150 -1000 VDC
Outlet current	CCS 200A, 250A
Efficiency	> 95% (peak)
Standby power	< 50W*N (Plug)
Protection	OVP, OCP, OPP, OTP, UVP, SCP, LVP, Residual current detection, Surge protection, Door Access , RCD Protection
Energy metering	MID
USER INTERFACE	
Connectivity	4G , Ethernet
User authentication	RFID, MAC, Screen button
User interface	7" LCD touchscreen
RFID Reader	ISO 14443
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, 1.6J (Extendable to ocpp2.0)
Multilanguage system	English, French, Spanish, Russian and Chinese(Customized Language)
GENERAL CHARACTERISTICS	
IP and IK rating	IP-54 and IK-10 (cabinet) ;IP-55 (dispenser) / IK- 8 (touchscreen)
Operational altitude	Up to 2500 m
Operating temperature range	-30°C to + 55°C
Humidity	5 -95 % Rh non- condensing
Dimensions (W x D x H)	820mm*820mm*1980mm(Power cabinet); 396mm*300mm*1505mm(Dispenser)
Cable length	5 meters (8m/ 10m optional)
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24 , IEC 62196 - 2, IEC 62196 -3
Communication to the EV	ISO15118 (Extensible)

Space Saving Solution-SPLIT TYPE

Fan Cooling dispenser - Dual Guns

Fleet | Highway | Stations

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



Technical Specification

CHARGE POST	
Charging type	DC Charger
Localization	CE & TR25
OUTLET OPTIONS	
Max DC output power rating	240kW ,300 kW , 360kW
Input voltage range	400 VAC +/- 15% (45~60 Hz)
Connector types	3P + N + PE
Input AC power rating(MAX)	440A, 550A, 660A (support dual- plug)
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150 -1000 VDC
Outlet current	CCS 200A, 250A, 300A
Efficiency	> 95% (peak)
Standby power	< 50W*N (Plug)
Protection	OVP, OCP, OPP, OTP, UVP, SCP, LVP, Residual current detection, Surge protection, Door Access , RCD Protection
Energy metering	MID
USER INTERFACE	
Connectivity	4G , Ethernet
User authentication	RFID, MAC, Screen button
User interface	7" LCD touchscreen
RFID Reader	ISO 14443
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6J (Extendable to ocpp2.0)
Multilanguage system	English, French, Spanish, Russian and Chinese(Customized Language)
GENERAL CHARACTERISTICS	
IP and IK rating	IP-54 and IK-10 (cabinet) ;IP-55 (dispenser) / IK- 8 (touchscreen)
Operational altitude	Up to 2500 m
Operating temperature range	-30°C to + 55°C
Humidity	5 -95 % Rh non- condensing
Dimensions (W x DxH)	820mm*820mm*1980mm(Power cabinet); 604mm*370mm*1603mm(Dispenser)
Cable length	5 meters (8m/ 10m optional)
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24 , IEC 62196 - 2, IEC 62196 -3
Communication to the EV	ISO15118 (Extensible)

Space Saving Solution-SPLIT TYPE

Liquid Cooling Charging System

Fleet | Highway | Stations | Retail

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



Technical Specification

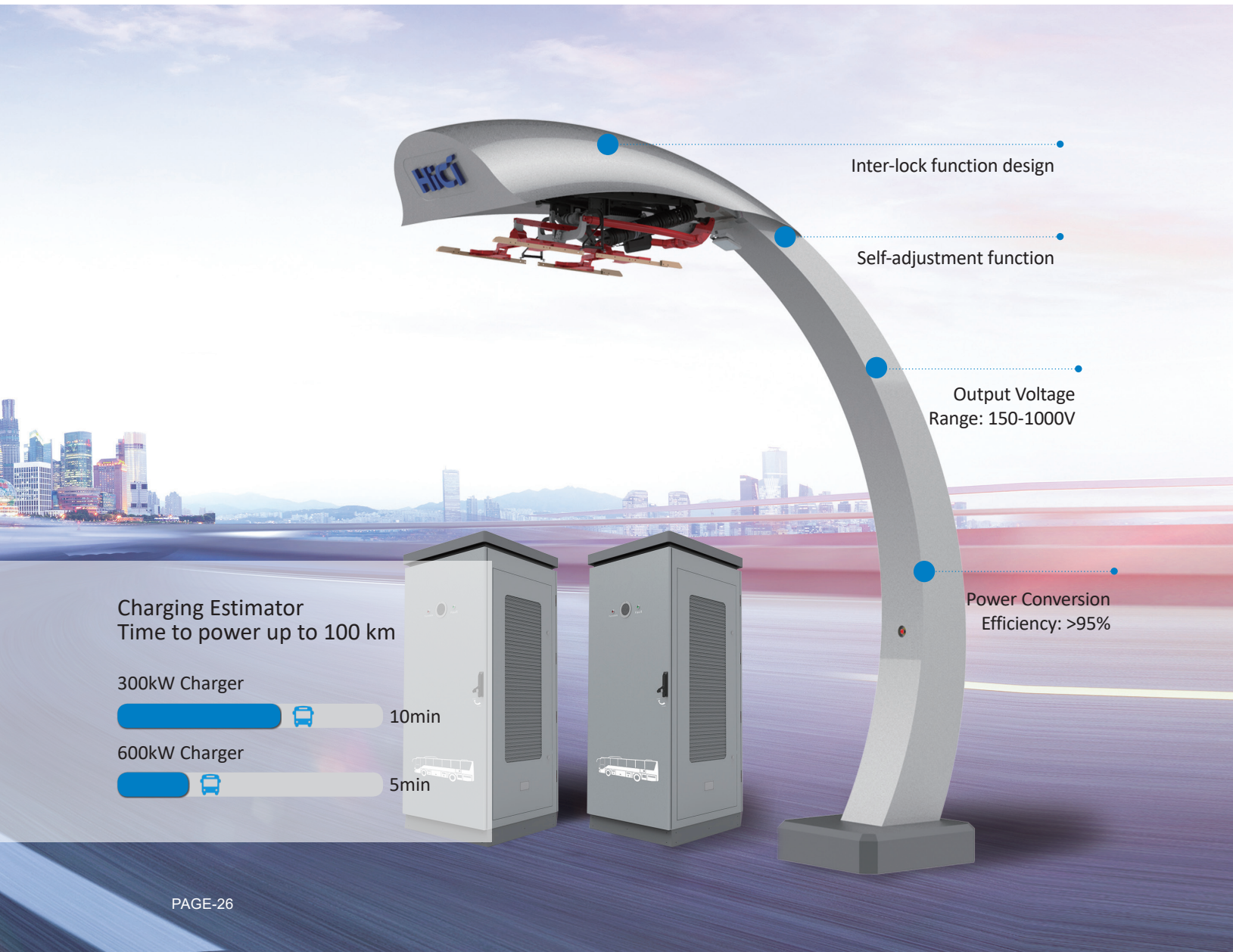
CHARGE POST	
Charging type	DC Charger
Localization	CE
OUTLET OPTIONS	
Max DC output power rating	240kW ,300 kW , 360kW(Power cabinet)
Input voltage range	400 VAC +/- 15% (45 Hz~60 Hz)
Connector types	3P + N + PE
Input AC power rating(MAX)	440A , 550A , 660A
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150 -1000 VDC
Outlet current	500A
Efficiency	> 95% (peak)
Standby power	< 50W*N (Plug)
Protection	OVP, OCP, OPP, OTP, UVP, SCP, LVP, Residual current detection, Surge protection, Door Access , RCD Protection
Energy metering	MID
USER INTERFACE	
Connectivity	4G , Ethernet
User authentication	RFID, MAC, Screen button
User interface	7" LCD touchscreen
RFID Reader	ISO 14443
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6J (Extendable to ocpp2.0)
Multilanguage system	English, French, Spanish, Russian and Chinese(Customized Language)
GENERAL CHARACTERISTICS	
IP and IK rating	IP-54 and IK-10 (cabinet) ;IP-55 (dispenser) / IK- 8 (touchscreen)
Operational altitude	Up to 2500 m
Operating temperature range	-30°C to + 55°C
Humidity	5 -95 % Rh non- condensing
Dimensions (W x D x H)	820mm*820mm*1980mm(Power cabinet); 600mm*380mm*2200mm(Dispenser)
Weight	≤600kg(Power cabinet), ≤180KG(Dispenser)
Cable length	5 meters (MAX 7meters optional)
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24 , IEC 62196 - 2, IEC 62196 -3
Communication to the EV	ISO15118 (Extensible)

Space Saving Solution-SPLIT TYPE

Inverted Pantograph System

Fleet | Highway | Stations

- Charge in 3 to 6 minutes, instantaneous charging in the day
- WIFI communication mode adopted to achieve data exchange



Technical Specification

CHARGE POST	
Charging type	Pantograph
Localization	CE
OUTLET OPTIONS	
Max DC output power rating	300 kW ~ 720kW(Power cabinet)
Input voltage range	400 VAC +/- 15% (45 Hz~65 Hz)
Connector types	3P + N + PE
Input AC power rating(MAX)	550A ~ 1100A
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150 -1000 VDC
Outlet current	500A/850A
Efficiency	> 95% (peak)
Protection	OVP, OCP, OPP, OTP, UVP, SCP, LVP, Residual current detection, Surge protection, Door Access , RCD Protection
Energy metering	MID
USER INTERFACE	
Connectivity	4G , Ethernet
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6J (Extendable to ocpp2.0)
GENERAL CHARACTERISTICS	
IP and IK rating	IP-54 and IK-10 (cabinet) ;IP-55 (dispenser)
Operational altitude	Up to 2500 m
Operating temperature range	-30°C to + 55°C
Humidity	5 -95 % Rh non- condensing
Dimensions (W x D x H)	3174mm*1681mm*4866mm
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1, IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24 , Ocppcharge
Communication to the EV	ISO15118 (Extensible)

Space Saving Solution-SPLIT TYPE

Roof-mounted Pantograph System

Fleet | Highway | Stations

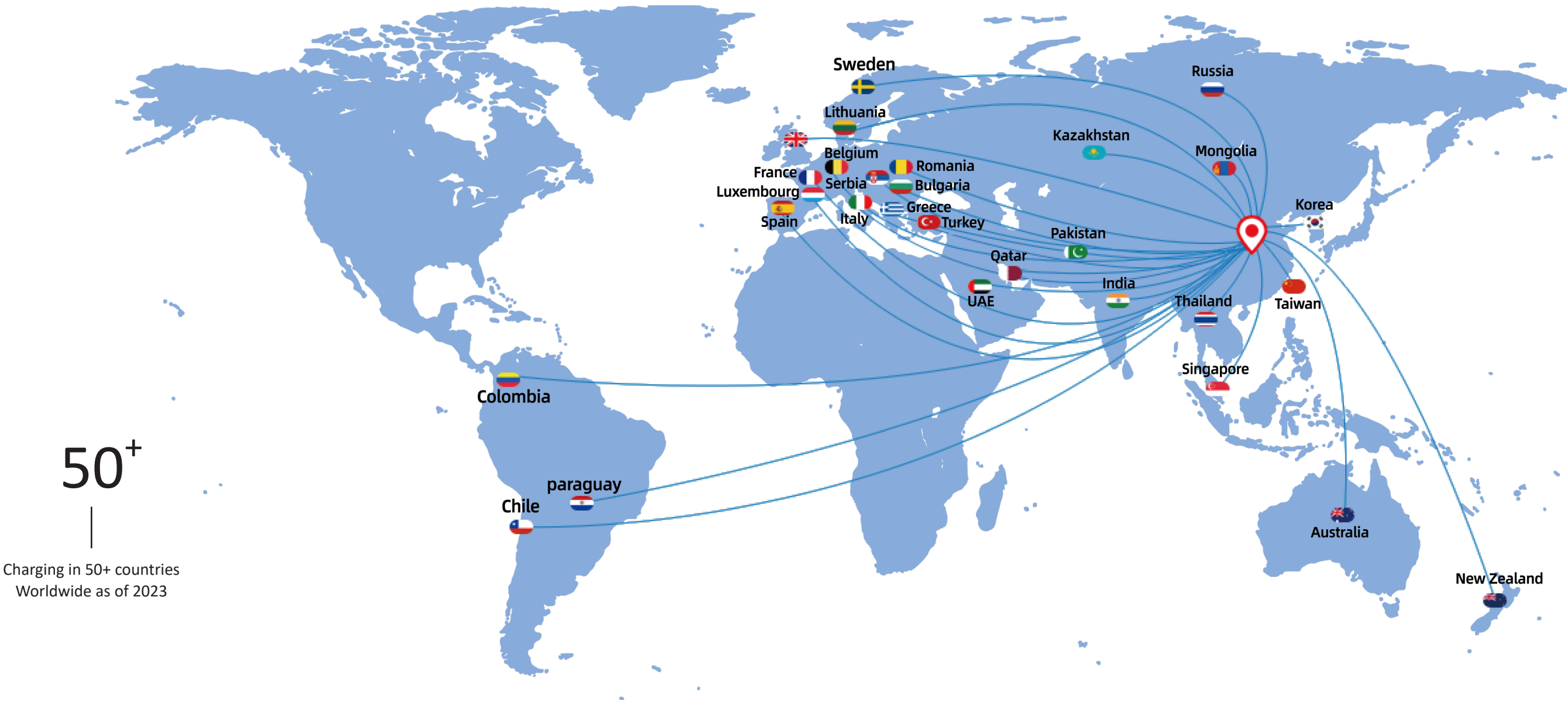
- Charge in 3 to 6 minutes, instantaneous charging in the day
- WIFI communication mode adopted to achieve data exchange



Technical Specification

CHARGE POST	
Charging type	Pantograph up
Localization	CE & TR25
OUTLET OPTIONS	
Max DC output power rating	300 kW ~ 720kW (Power cabinet)
Input voltage range	400 VAC + /- 15% (45 Hz~65 Hz)
Connector types	3P + N + PE
Input AC power rating(MAX)	550A ~ 1100A
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150 -1000 VDC
Outlet current	1000A
Efficiency	> 95% (peak)
Protection	OVP, OCP, OPP, OTP, UVP, SCP, LVP, Residual current detection, Surge protection, Door Access , RCD Protection
Energy metering	MID
USER INTERFACE	
Connectivity	4G , Ethernet
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6J (Extendable to ocpp2.0)
GENERAL CHARACTERISTICS	
IP and IK rating	IP-54 and IK-10 (cabinet) ;IP-55 (dispenser)
Operational altitude	Up to 2500 m
Operating temperature range	-30°C to + 55°C
Humidity	5 -95 % Rh non- condensing
Dimensions (W x D x H)	2660*1300mm*5160mm
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24

CHARGE THE WORLD,
LEAD THE DIGITAL POWER NETWORK!



SINGAPORE

ECH Application

HiCi EV Chargers

7 sets of 300KW Split Type Fan Cooling Charger
7 PCS 120KW DC Chargers



ROMANIA

Public Charging Application

HiCi EV Chargers

151 PCS 60KW DC Chargers
44 sets PANTOGRAPH CHARGING SYSTEM



SINGAPORE

Public Charging Application

HiCi EV Chargers

2 EV charging stations
11 PCS 90kW DC chargers for each station(22 in total)
Still in good working condition since 2019



QATAR

FIFA 2022

HiCi EV Chargers

For 888 E-buses
Automatic charging system

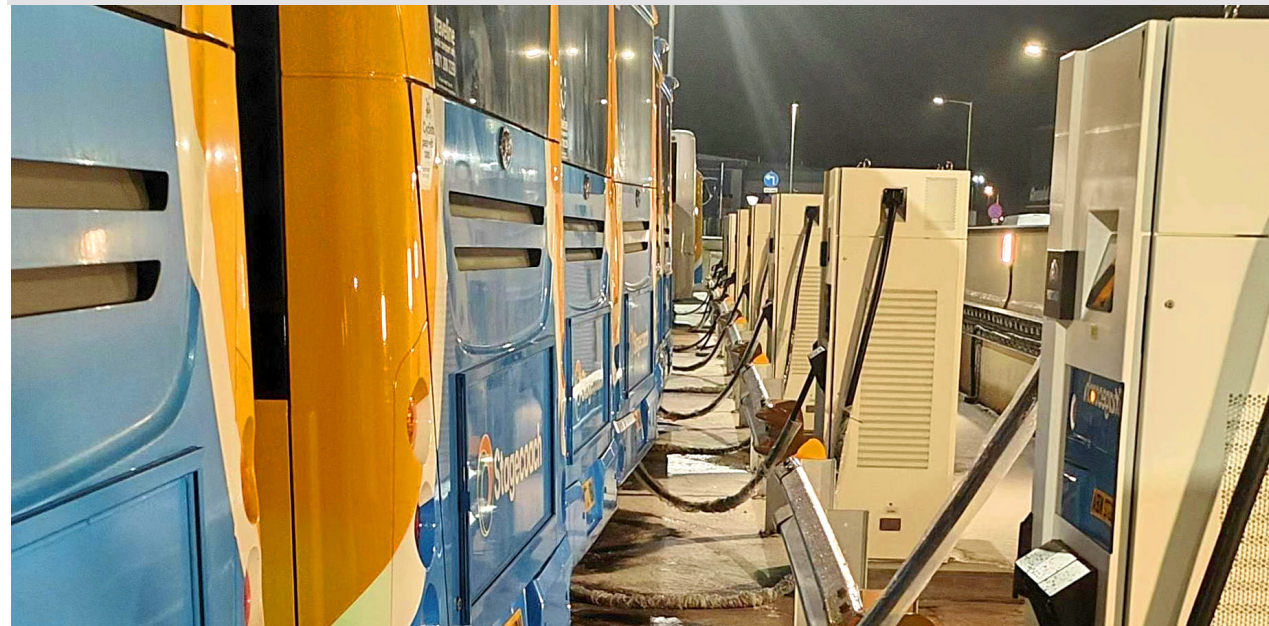


UK

For E-buses company
Embedded in fleet management system

HiCi EV Chargers

Since 2017
Technique Support
8 EV charging stations
50 PCS 120kW/150kW DC chargers



FRANCE

For E-buses company
Embedded in fleet management system

HiCi EV Chargers

15 PCS 60kW DC chargers Technique Support

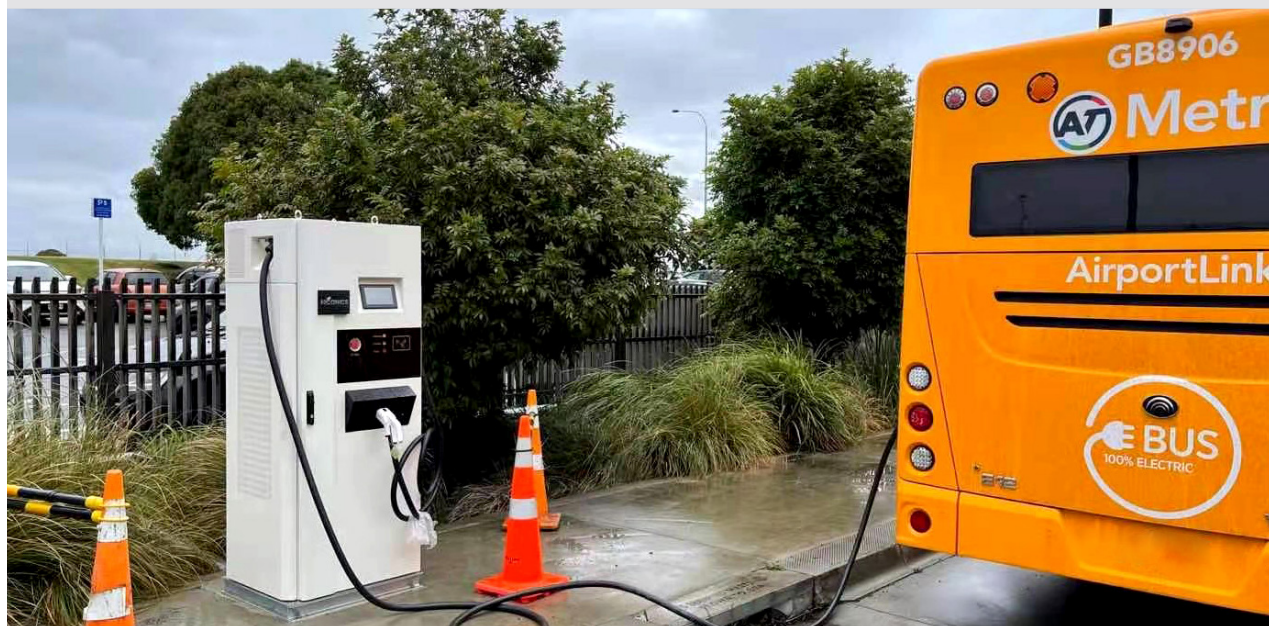


NEW ZEALAND

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



Hong Kong

Tesla and Porsche Application

HiCi EV Chargers

12 PCS 60kW and 120kW dual-plug





After-Sale Service

Online Technical Support + Local Spare Parts + Local Service Centre



Technical and Service Support:

- 24/07/365 Days online support as well as onsite support.

After - sale Service Centre:

- 5 global centres cover all 50+ overseas countries and 24 domestic service centres cover mainland.

Core Value:
Customer-oriented and Service-oriented.



Remote services

- Online support
- Remote services
- Remote diagnostics
- Remote firmware upgrades



On-site service and parts availability

- Standard warranty execution
- Extended warranty options
- Service level agreements
- 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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