

HiCi



HiCi EV CHARGING SOLUTION

en.hicitech.com

HiCi Digital Power Technology Co., Ltd.

Green Technology

Zero-carbon Life

H

HIGH-TECH
LEADING TECHNOLOGY

I

INNOVATION
SUSTAINING CREATION

C

COOPERATION
WIN-WIN COOPERATION

I

INTEGRATION
UNITY OF KNOWLEDGE AND ACTION

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 top-ranking 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

600kW

DC Charging Speed

20,000⁺

DC Chargers

STRATEGIC PARTNERS



Certificate



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

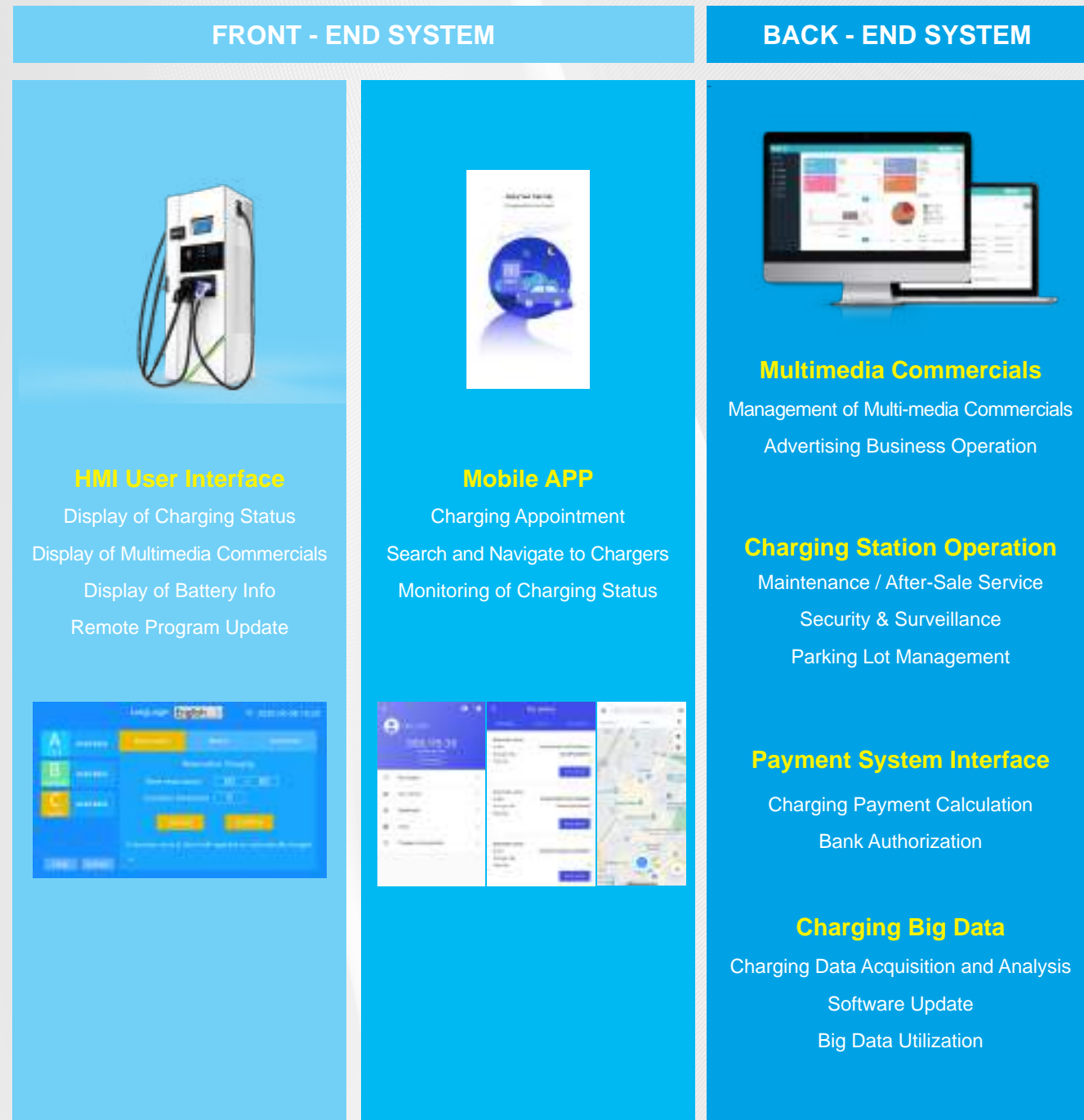


3 DC Charger Lines
660 PCS/month

• MES Management System

- 1.Reduced waste, re-work and scrap, including quicker setup times,Increased uptime
- 2.More accurate capture of cost information (e.g. labour, scrap, downtime, and tooling)
- 3.Incorporate paperless workflow activities
- 4.Manufacturing operations traceability
- 5.Decreases downtime and easy fault finding
- 6.Reduced inventory, through the eradication of just-in-case inventory

CSMS System



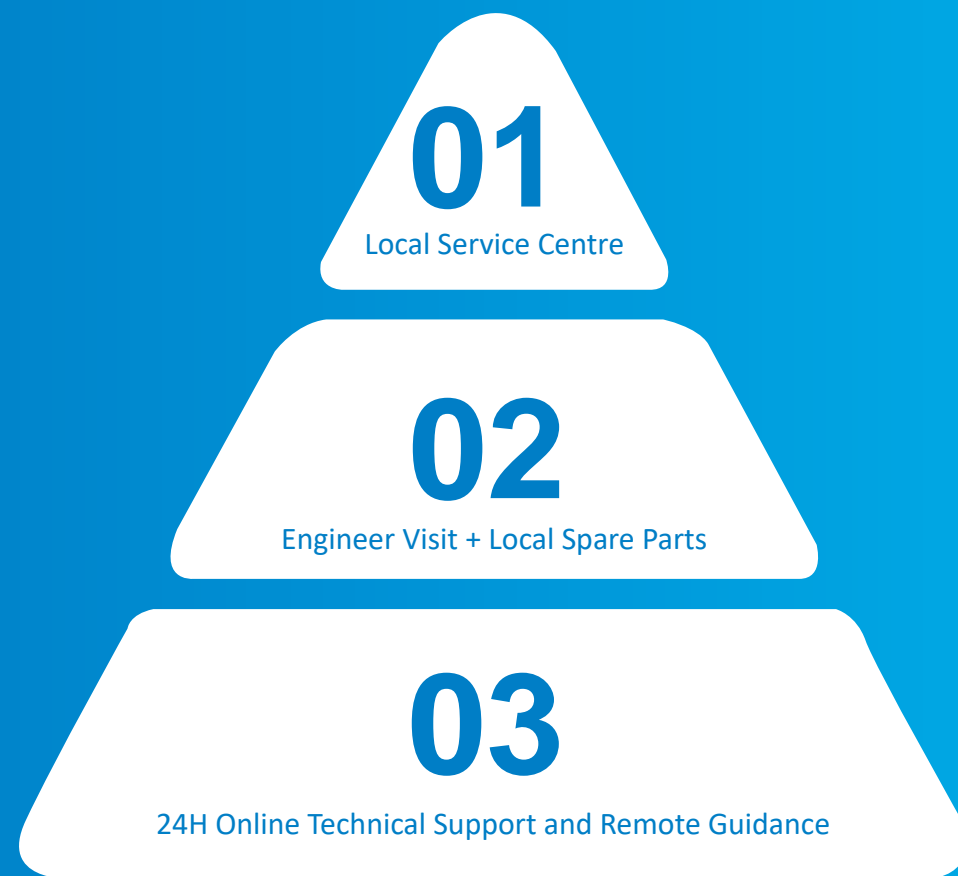
Mobile APP



After-Sale Service

Online Technical Support + Local Spare Parts + Local Service Centre

Core Value: Customer-oriented and Service-oriented.



24/7/365 Days online technical and service support as well as onsite help.

After - sale service centre: 5 global centres cover all 50+ overseas countries and

24 domestic service centres cover mainland.



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

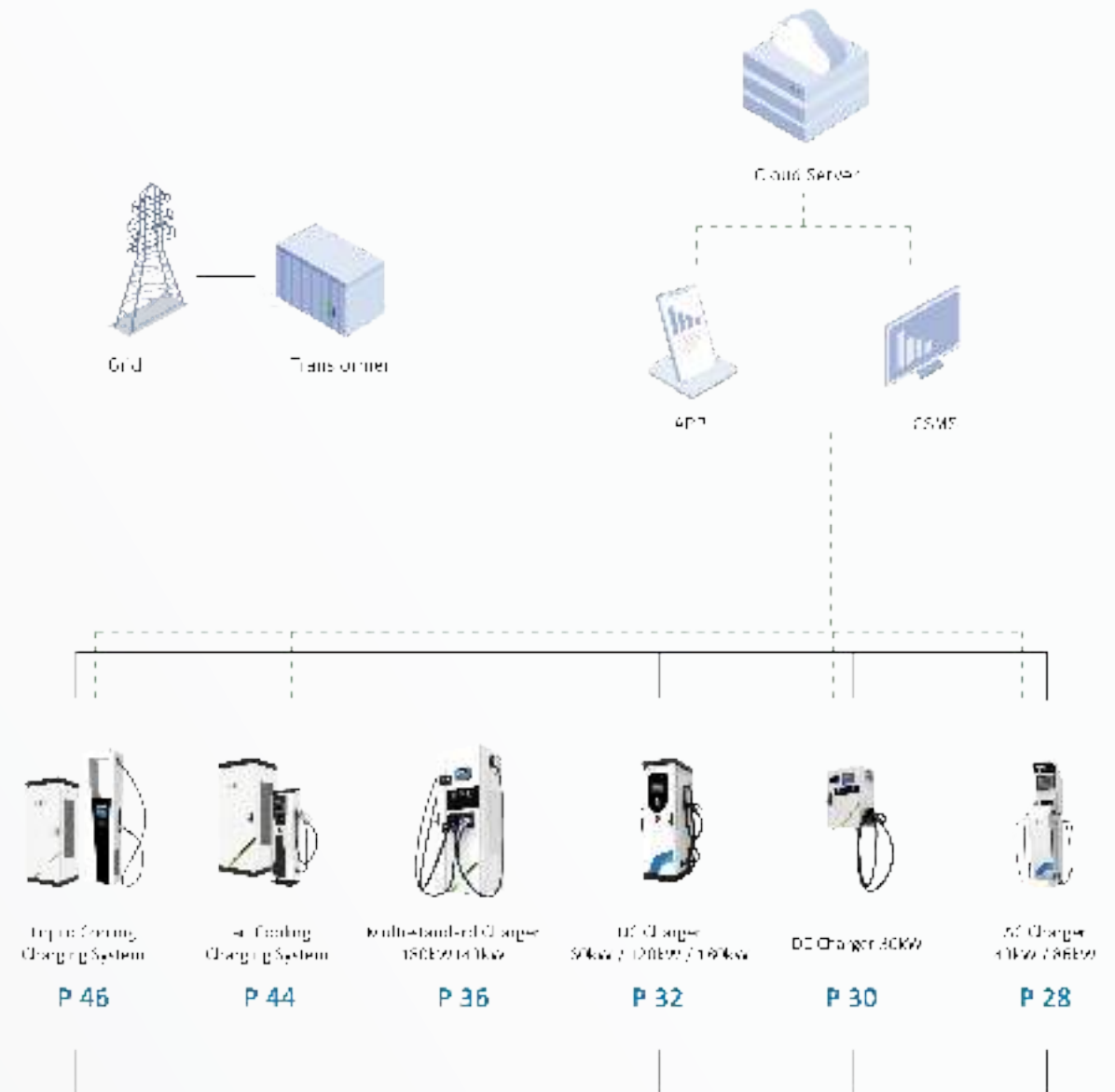


OCP integration

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

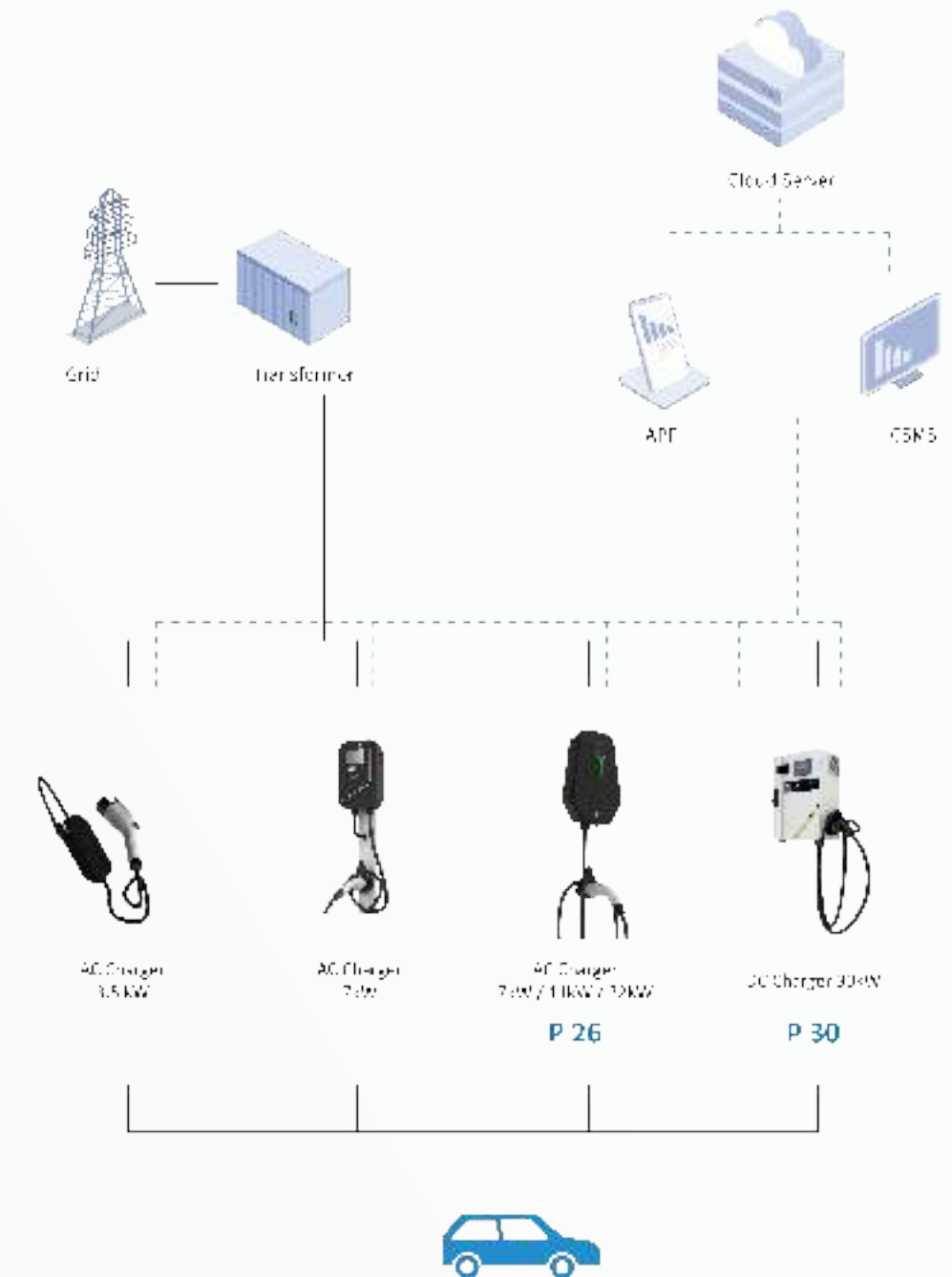
OPERATOR

- Different charger types aims to meet various applications like parking lot, shopping mall, hotel and community, etc.
- Advanced technology of split type, liquid cooling, pantograph adopted for project need.
- Self-developed CSMS helps customer to get better operation.



OEM PASSENGER CAR

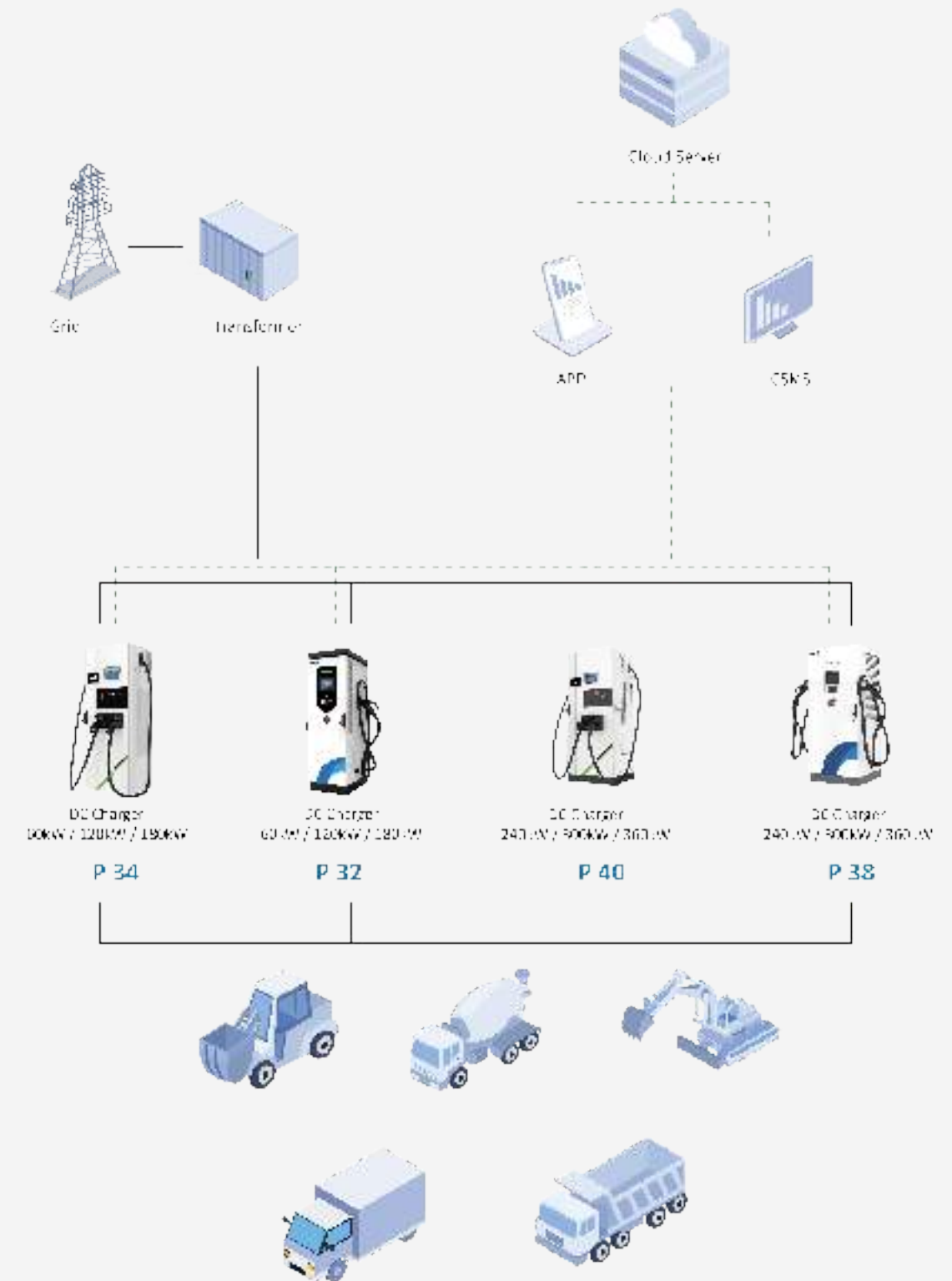
- Comply with 99% passenger car charging protocol.
- Molding case with IP65, protective and portable.
- OEM supported for in personalized customization.



OEM

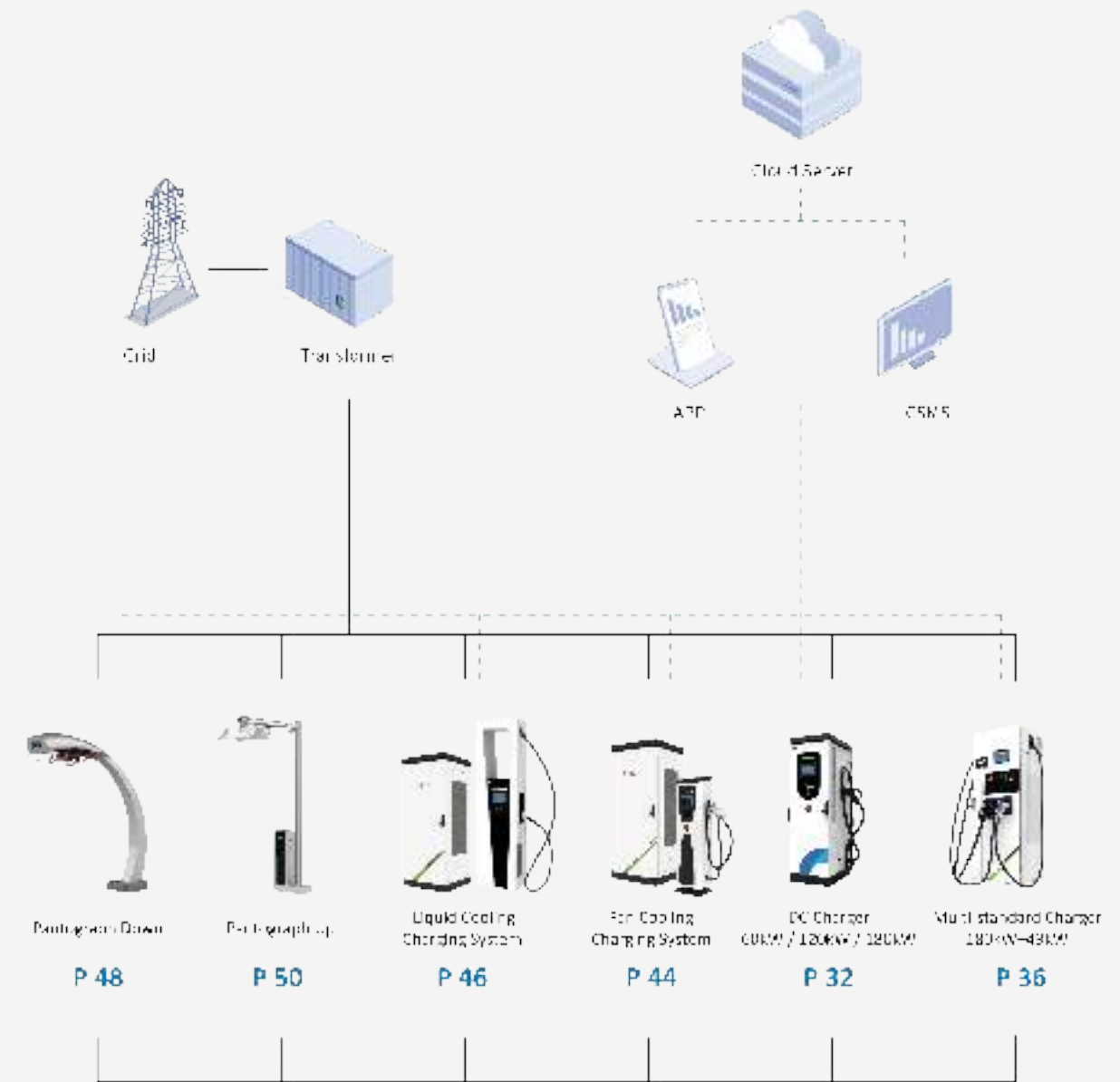
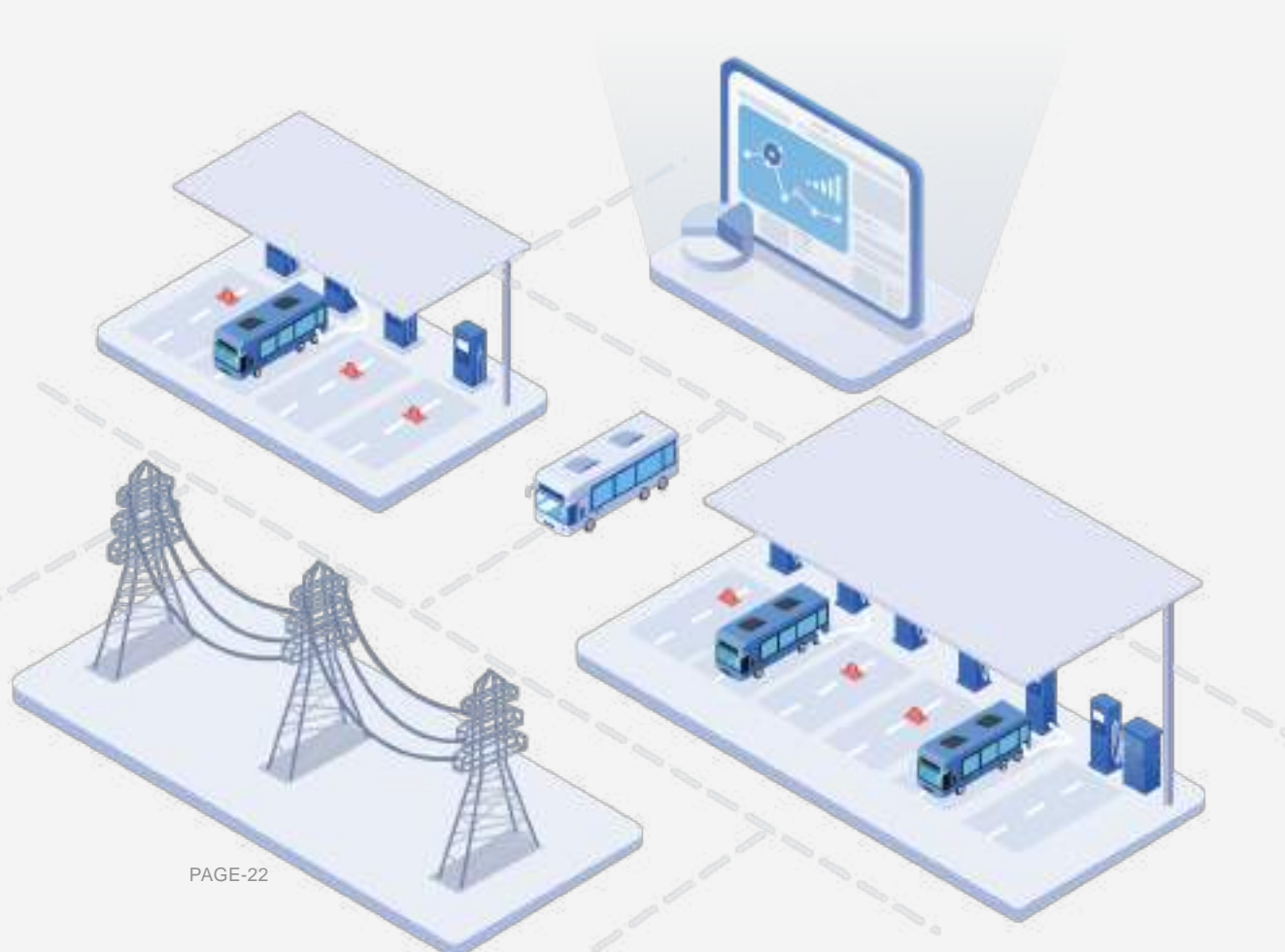
HEAVY INDUSTRY VEHICLE

- Max. output power of 1000A helps with fast charging of large capacity batteries.
- Wide Voltage Range up to 1000V of future proof.
- Maintenance free design, perfect solution for mine, steel, cement, and power plants, etc.
- OEM supported for in personalized customization.
- Master-slave and multiple plug simultaneous charging function supported.



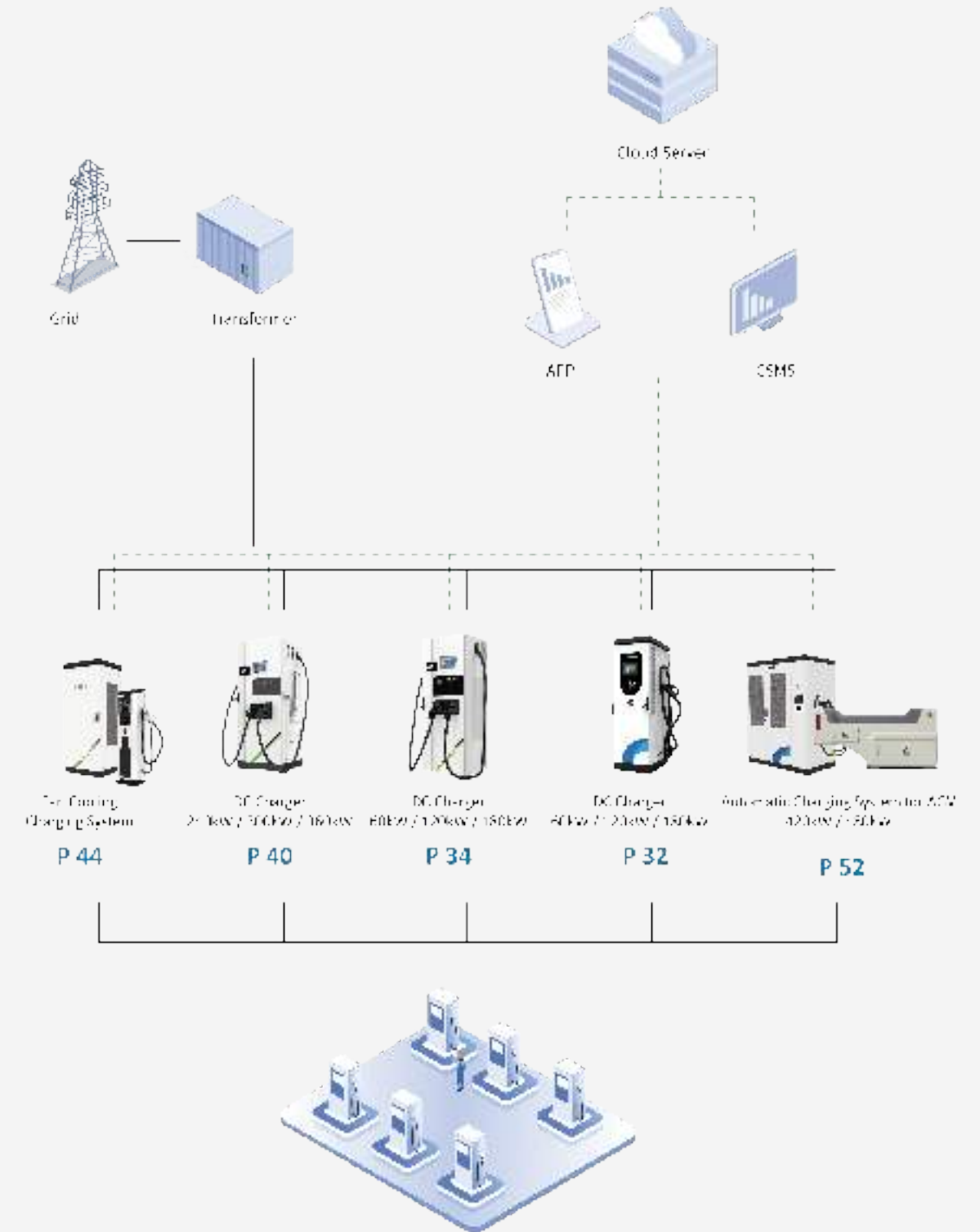
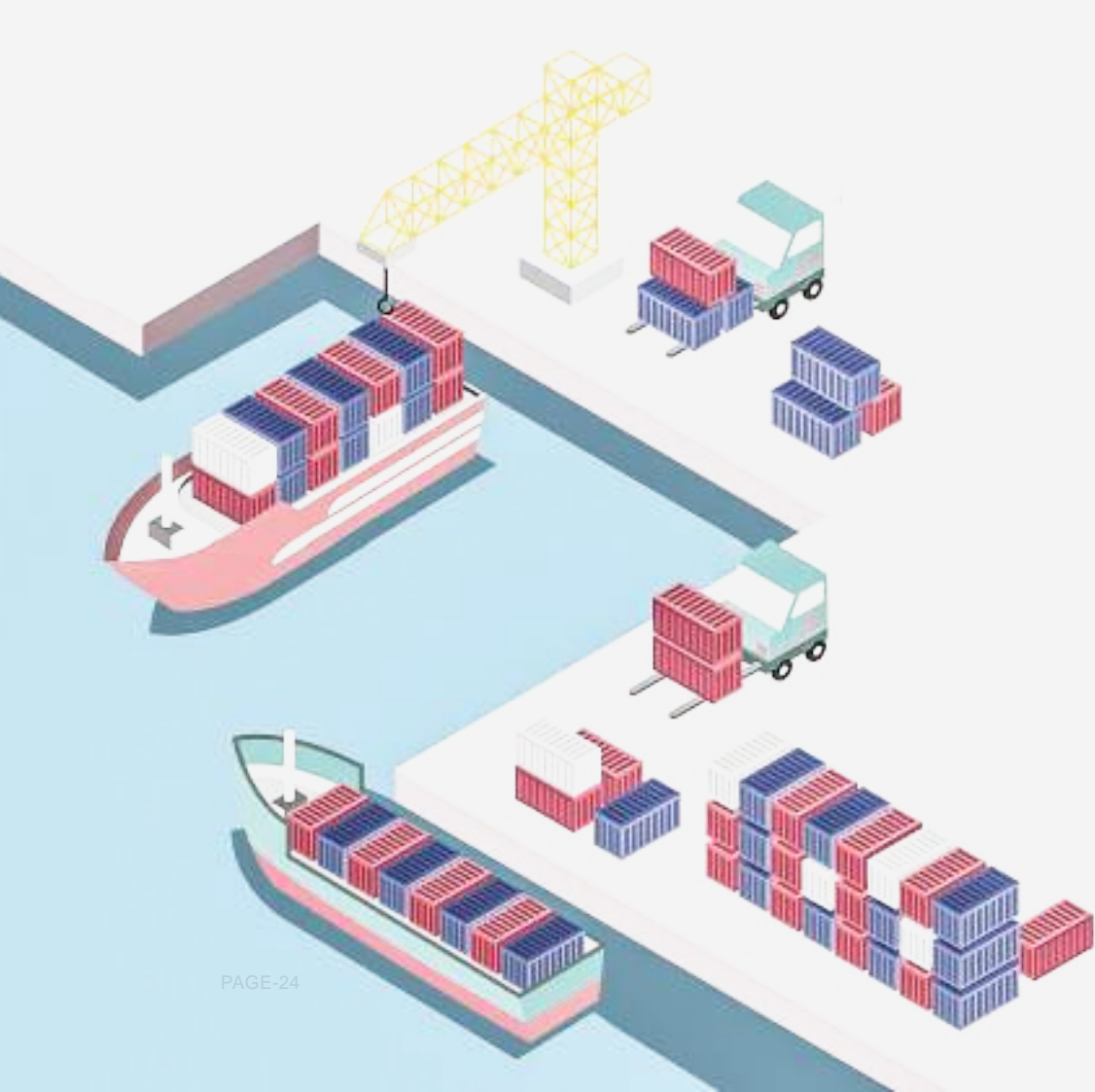
PUBLIC TRANSPORTATION

- Different charger types aims to meet various applications like parking centre, shopping mall, hotel and community, etc.
- Advanced technology of split type, liquid cooling, pantograph adopted for project need.
- Self-developed CSMS helps customer to get better operation.



HARBER

- High power fast charge, charging current up to 600A.
- High power density charging module, output voltage up to 1000V.
- Master-slave and multiple plug simultaneous charging function supported.
- Strong anti-corrosion and salt spray proof function for special application places.

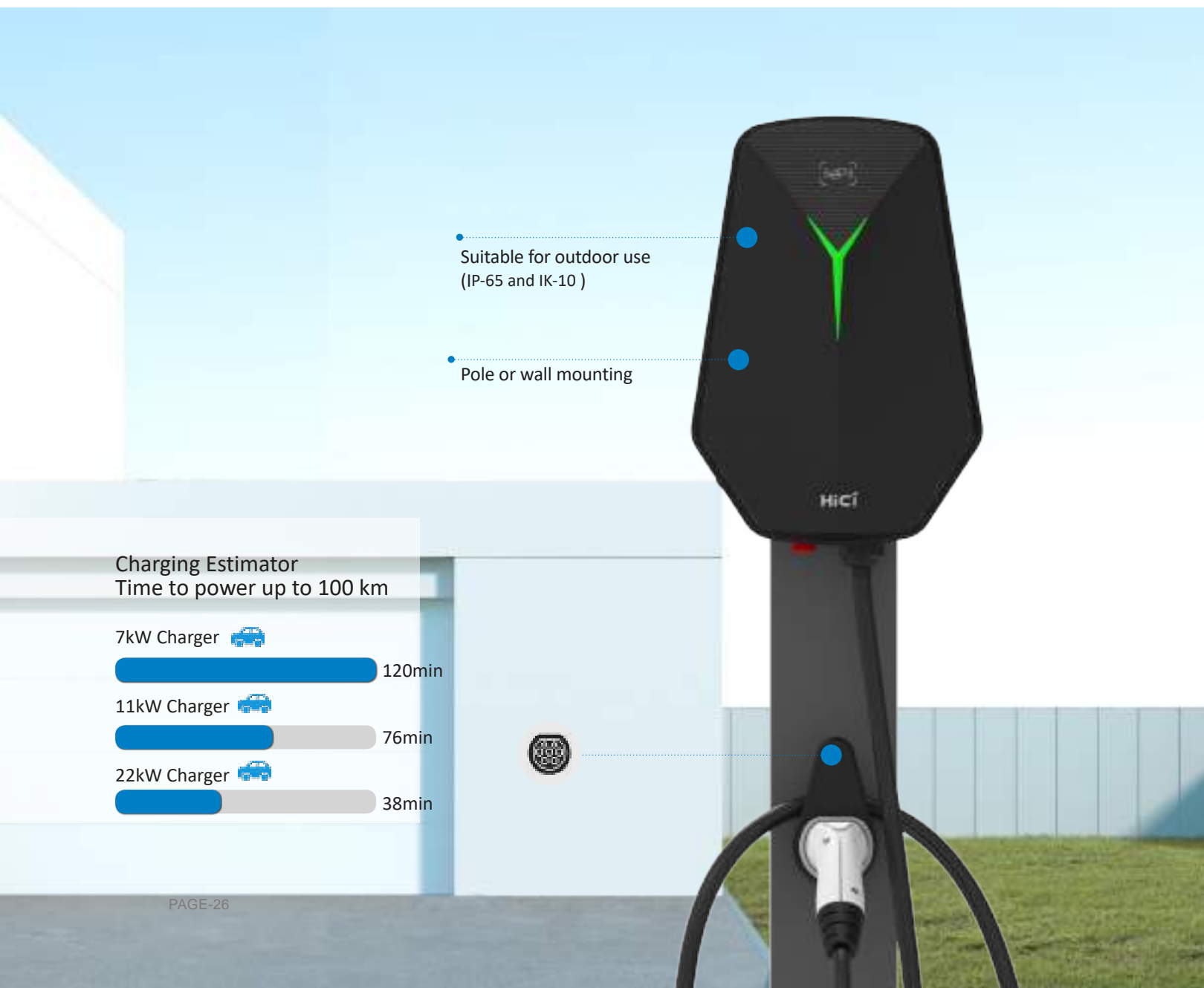


AC Charger

7kW / 11kW / 22kW

Fleet | Highway | Stations | Retail

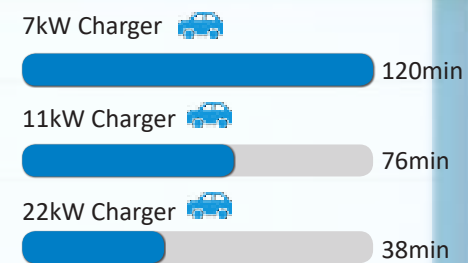
- Simply charge everywhere
- Right configuration for every use
- Ideal charging station for every application



Suitable for outdoor use (IP-65 and IK-10)

Pole or wall mounting

Charging Estimator
Time to power up to 100 km



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(Three phase)
Input AC power rating(MAX)	32A(Single phase) ,16A ,32A(Three phase)
Power factor (full load)	> 0.99
Standby power	< 10W
Protection	OVP, OCP, OPP, OTP, UVP, SCP, LVP, Residual current detection, Surge protection, Door Access , RCD Protection
USER INTERFACE	
Communication mode	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	-40°C to + 55°C (power de - rating applies)
Humidity	5 -95 % Rh non- condensing
Dimensions (W x D x H)	270mm*138mm*400mm
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

AC Charger

43kW / 86kW

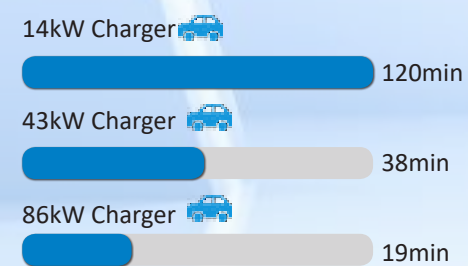
Fleet | Highway | Stations | Retail

- 21 positive safety inspections and 24H platform detection to record data in real time.
- Inter-lock detection function of charging connector to ensure charging safety.
- Multiple starting mode: RFID, QR code, Plug & Charge, Reservation.

Suitable for outdoor use
(IP-54 and IK-10)



Charging Estimator
Time to power up to 100 km



Technical Specification

CHARGE POST	
Charging type	AC Charger
OUTLET OPTIONS	
Max AC output power rating	14kW ,43kW ,86kW (dual-plug)
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, 63A
Power factor (full load)	> 0.99
Standby power	< 10W
Protection	OVP, OCP, OPP, OTP, UVP, SCP, LVP, Residual current detection, Surge protection, Door Access , RCD Protection
USER INTERFACE	
Communication mode	4G , Ethernet
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-54 and IK-10 (cabinet)
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 (W x D x H)	386mm*639mm*1740mm
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

DC Charger 30kW

Fleet | Highway | Stations

- Charging up to 100A.
- Small footprint, high durability, built to last for 10+ years.
- Futureproof investment supporting current and future EVs with high voltage charging.



Power Conversion Efficiency: >95%

Output Voltage Range: 150-1000V

Charging Estimator
Time to power up to 100 km



Technical Specification

CHARGE POST	
Charging type	DC Charger
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	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	
Communication mode	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 (power de-rating applies)
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)

DC Charger

60kW / 120kW / 180kW

Fleet | Highway | Stations

- 21 positive safety inspections and 24H platform detection to record data in real time.
- Inter-lock detection function of charging connector to ensure charging safety.
- Multiple starting mode: RFID, QR code, Plug & Charge, MAC address, Reservation.



Technical Specification

CHARGE POST	
Charging type	DC Charger
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	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
USER INTERFACE	
Communication mode	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-54and 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 (W x D x H)	700mm*500mm*1650mm
Weight	≤450kg
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) / DIN70121

DC Charger

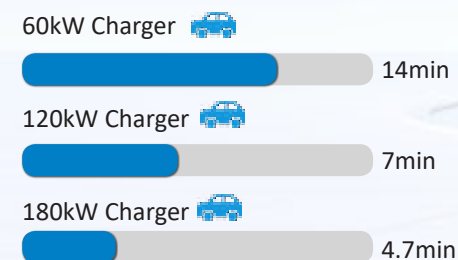
60kW / 120kW / 180kW

Fleet | Highway | Stations

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



Charging Estimator
Time to power up to 100 km



Technical Specification

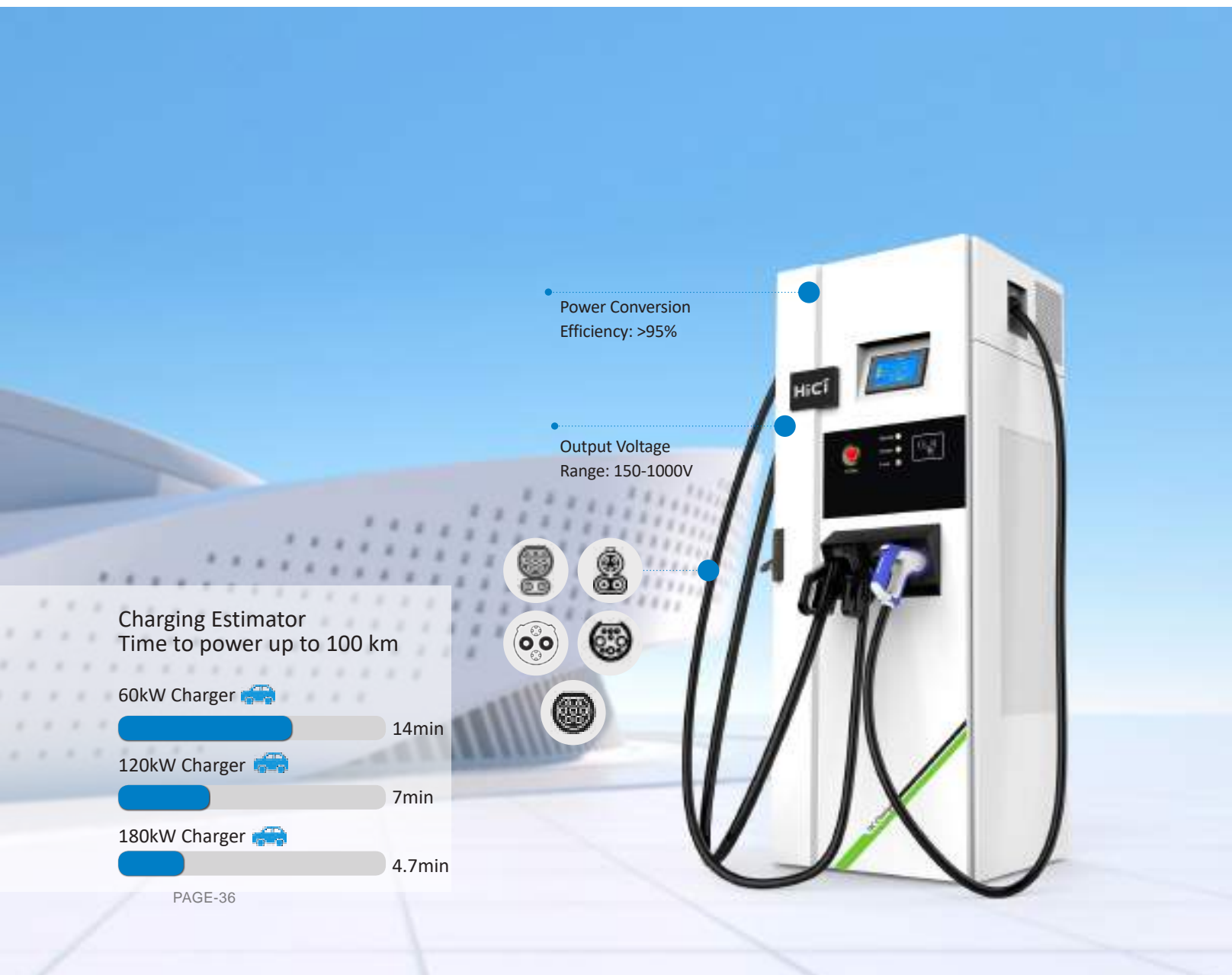
CHARGE POST	
Charging type	DC Charger
Localization	CE , TR25
OUTLET OPTIONS	
Max DC output power rating	60kW ,120 kW , 180kW
Input voltage range	400 VAC +/- 15% (50 Hz or 60 Hz)
Connector types	3P + N + PE
Input AC power rating(MAX)	110A , 220A , 330A
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150 -1000 Vdc
Outlet current	CCS 200A,300A (support dual- plug)
Efficiency	> 95% (peak)
Standby power	< 50W*N (Plug)
Protection	OVP, OCP, OPP, OTP, UVP, SCP, LVP, Residual current detection, Surge protection, Door Access , RCD Protection
USER INTERFACE	
Communication mode	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 (power de - rating applies)
Humidity	5 -95 % Rh non- condensing
Dimensions (W x D x H)	750mm*630mm*1980mm
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)

Multi-standard Charger

180kW+43kW

Fleet | Highway | Stations

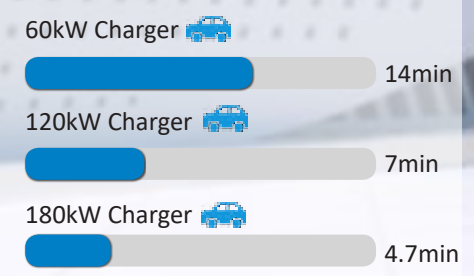
- Suitable for public charging, retail, office and more.
- Serving up to 3 vehicles at the same time, 2 DC charging and 1 AC charging.



Power Conversion Efficiency: >95%

Output Voltage Range: 150-1000V

Charging Estimator
Time to power up to 100 km



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	
Communication mode	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
Operating temperature range	-30°C to + 55°C (power de - rating applies)
Humidity	5 -95 % Rh non- condensing
Dimensions (W x D x H)	750mm*630mm*1980mm
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)

DC Charger

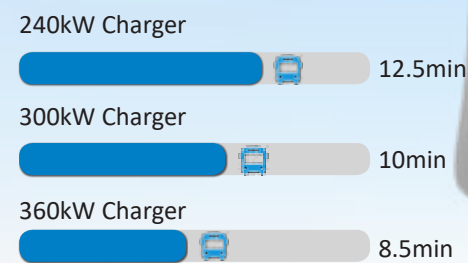
240kW / 300kW / 360kW

Fleet | Highway | Stations

- IP55 with labyrinth type air inlet and outlet.
- 95% efficiency and wide constant power range of 300-1000V.
- Master-slave charging supported, upto 1000V/400A achieve high power fast charging.
- Three-proof paint coating of moisture-proof, mold-proof, salt spray-proof ensure stable quality.



Charging Estimator
Time to power up to 100 km



Technical Specification

CHARGE POST	
Charging type	DC Charger
Localization	CE
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	CCS1: 150~1000VDC CCS2 150~1000VDC
Outlet current	200A
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
USER INTERFACE	
Communication mode	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)
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 (W x D x H)	750mm*700mm*1860mm
Weight	≤480kg
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)

DC Charger

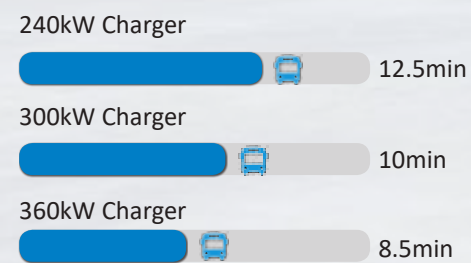
240kW/300kW/360kW

Fleet | Highway | Stations

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



Charging Estimator
Time to power up to 100 km



Technical Specification

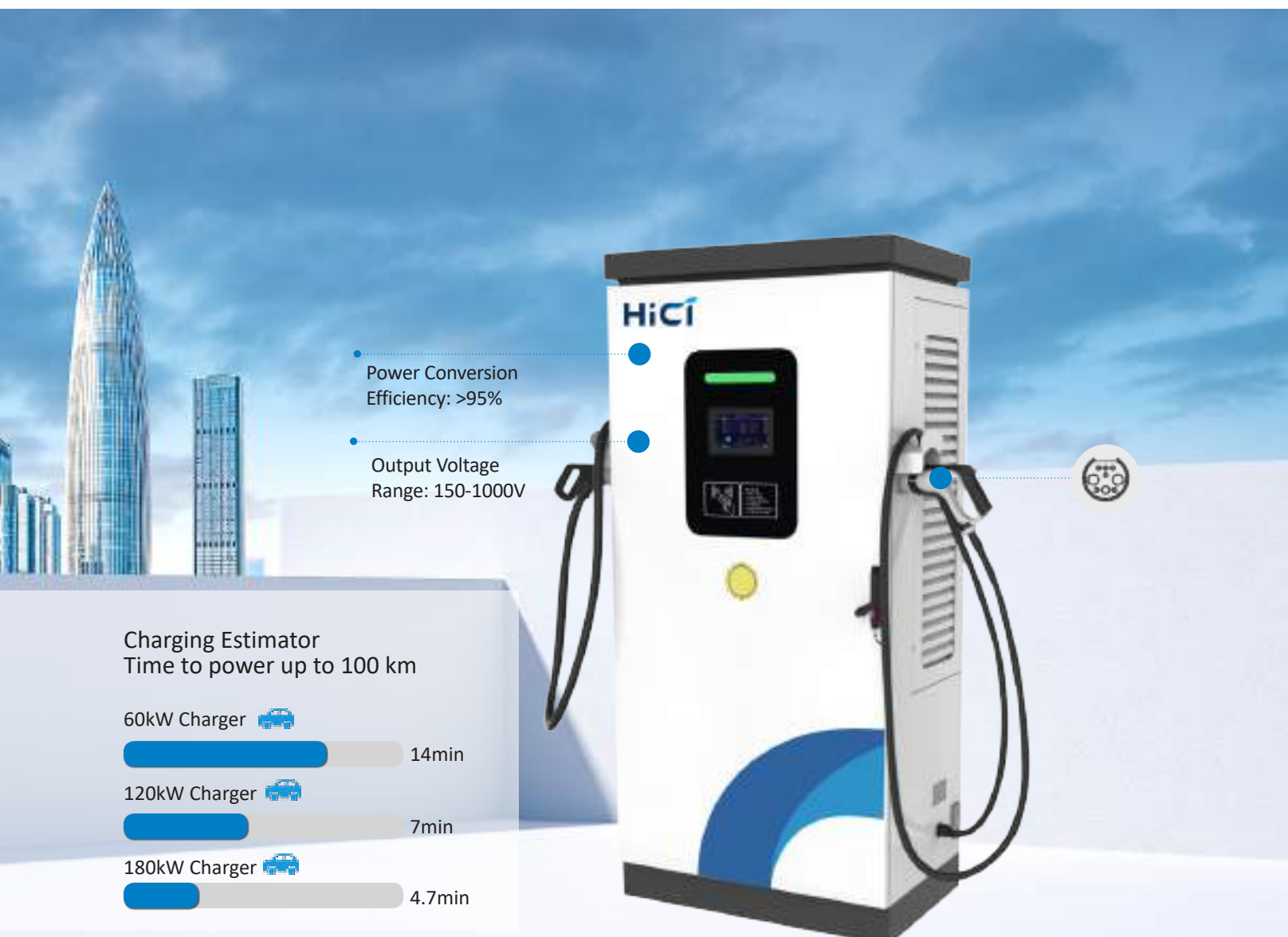
CHARGE POST	
Charging type	DC Charger
Localization	CE , TR25
OUTLET OPTIONS	
Max DC output power rating	240 kW , 300 kW , 360 kW
Input voltage range	400 VAC +/- 15% (50 Hz or 60 Hz)
Connector types	3P + N + PE
Input AC power rating(MAX)	440A , 550A , 600A
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	CCS1: 150~1000VDC CCS2 150~1000VDC
Outlet current	CCS 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
USER INTERFACE	
Communication mode	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 (power de - rating applies)
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)

V2G

60kW/120kW

Fleet | Highway | Stations

- Easy transformation between grid and vehicle to achieve both daily use and power storage.
- Help with grid adjustment, balance power consumption and achieve high efficiency management.



Technical Specification

CHARGE POST	
Charging type	DC Charger
OUTLET OPTIONS	
Max DC output power rating	60kW ,120 kW
Input voltage range	400 VAC +/- 15% (50 Hz or 60 Hz)
Connector types	3P + N + PE
Input AC power rating(MAX)	110A , 220A
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150 -1000 VDC
Outlet current	CCS 200A
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
DC Charger discharge current	220A MAX ,440A MAX
Grid voltage range	260VAC~ 530VAC
Output power	60kW ,120 kW
Efficiency	95% Max
USER INTERFACE	
Communication mode	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-54and 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 (W x D x H)	860mm*524mm*1850mm
Weight	≤450kg
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) / DIN70121

Fan Cooling Charging System

240kW/300 kW/360kW

Fleet | Highway | Stations

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



Power Conversion Efficiency: >95%

Output Voltage Range: 150-1000V

Charging Estimator
Time to power up to 100 km

200kW Charger

15min

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, 6607A
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
USER INTERFACE	
Communication mode	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 (power de - rating applies)
Humidity	5 -95 % Rh non- condensing
Dimensions (W x DxH)	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)

Liquid Cooling Charging System

240kW/300kW/360kW

Fleet | Highway | Stations | Retail

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



Technical Specification

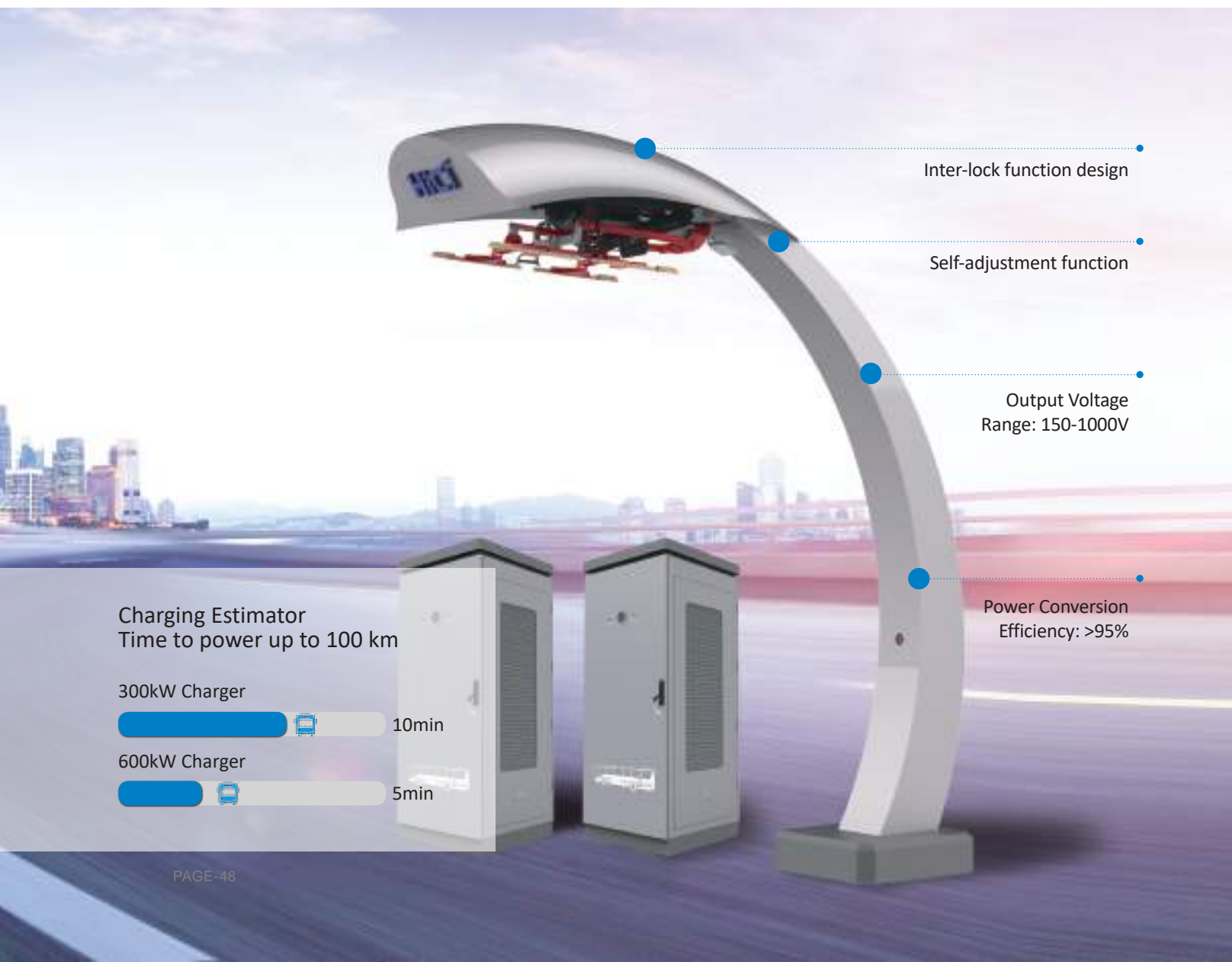
CHARGE POST	
Charging type	DC Charger
Localization	CE , TR25
OUTLET OPTIONS	
Max DC output power rating	240kW ,300 kW , 360kW
Input voltage range	400 VAC +/- 15% (45 Hz~60 Hz)
Connector types	3P + N + PE
Input DC power rating(MAX)	440A , 550A, 660A
Power factor (full load)	> 0.99
THDi	< 5%
DC output 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
USER INTERFACE	
Communication mode	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 (power de - rating applies)
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 (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)

Pantograph System

150kW—600kW

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 down
Localization	CE , TR25
OUTLET OPTIONS	
Max DC output power rating	300 kW ~ 600kW
Input voltage range	400 VAC +/- 15% (45 Hz~65 Hz)
Connector types	3P + N + PE
Input DC 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)
Standby power	< 50W*N (Plug)
Protection	OVP, OCP, OPP, OTP, UVP, SCP, LVP, Residual current detection, Surge protection, Door Access , RCD Protection
USER INTERFACE	
Communication mode	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-55 and IK-10 (cabinet)
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(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)

Pantograph System

150kW—600kW

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 ~ 600kW
Input voltage range	400 VAC + /- 15% (45 Hz~65 Hz)
Connector types	3P + N + PE
Input DC 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)
Standby power	< 50W*N (Plug)
Protection	OVP, OCP, OPP, OTP, UVP, SCP, LVP, Residual current detection, Surge protection, Door Access , RCD Protection
USER INTERFACE	
Communication mode	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-55 and IK-10 (cabinet)
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 (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

Automatic Charging System for AGV

420kW / 480kW

Fleet | Highway | Stations

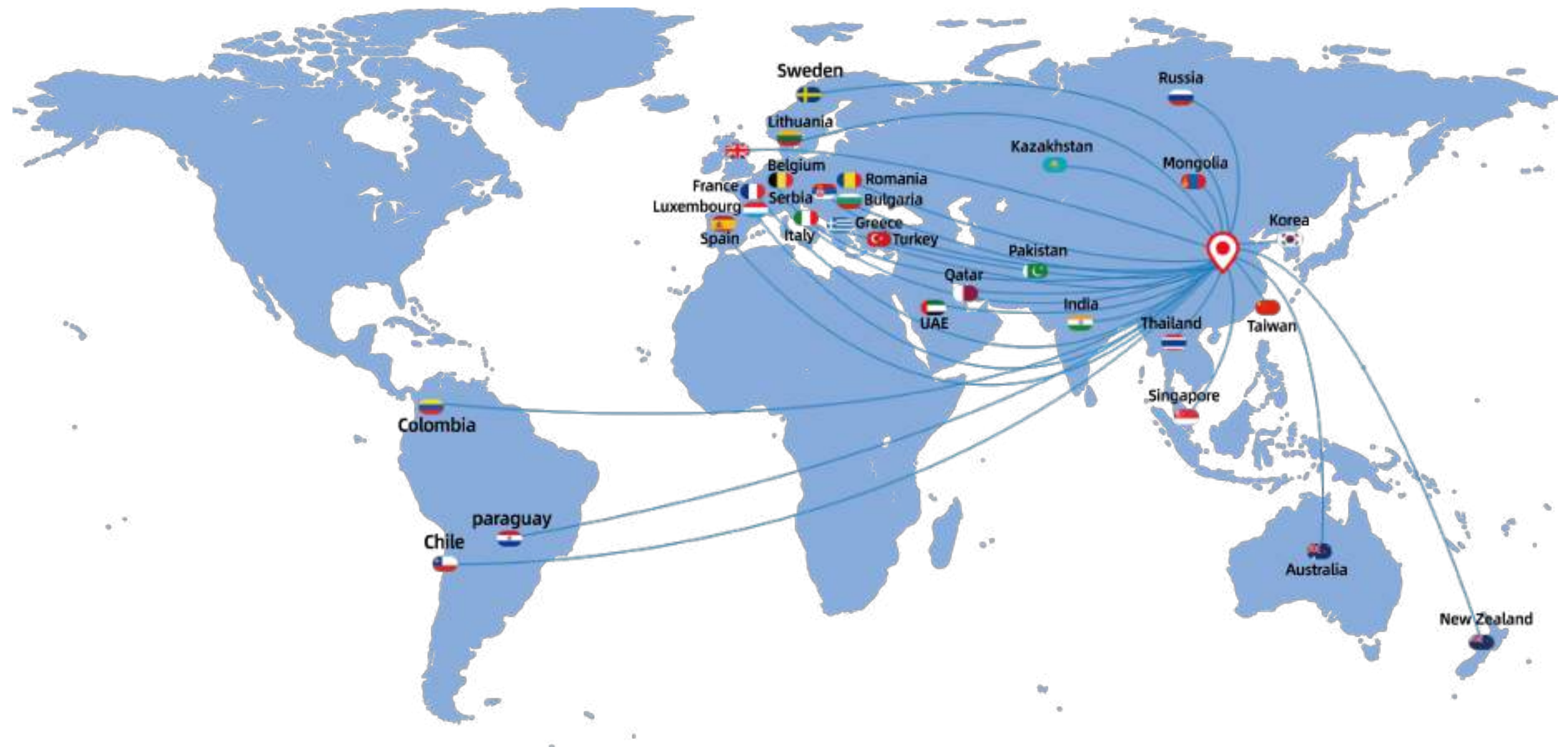
- The automatic charging robotic arm can achieve fully automatic insertion and extraction to achieve high-power automatic charging of AGVs or IGVs.
- IP55, three-proof paint coating process, moisture-proof, mold-proof, salt spray-proof ensure stable quality of charging equipment.



Technical Specification

OUTLET OPTIONS	
Max DC output power rating	323~437VAC
Input voltage range	400 VAC + /- 15% (45 Hz~65 Hz)
Connector types	3P + N + PE
Input DC power rating(MAX)	784A/Input 380VAC/Full load/per phase
Power factor (full load)	≥0.99
THDi	< 5%
DC output voltage	200~1000VDC
Outlet current	1000A
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
Control system power	AC220V/5kW
Adjusting precision	Left and right direction compensation: ±100mm Up and down direction compensation: +20~-50mm Angle compensation: 5°
GENERAL CHARACTERISTICS	
Delivery efficiency	≥94%
Communication mode	3G/4G
Low voltage auxiliary power supply	12V/24V
Stand-by power consumption	≤N×50 W
Charging guns	Single gun / Dual gun
IP and IK rating	IP55
Dimensions (W x D x H)	1600mm*850mm*2000mm 1817mm*600mm*1000mm
Three-guard protection	Anti-moisture, anti-mildew, anti-salt spray
Humidity	Forced air cooling
Noise	≤65dB

CHARGE THE WORLD,
LEAD THE DIGITAL POWER NETWORK!



OPERATOR



OEM



PUBLIC TRANSPORTATION



HARBER

