



**Powering the
future of
electric
mobility.**



Product Catalog

We provide EVSE solutions to customers all over the world,
OEM & ODM available



**“ INJET MAKES EVSE
QUITE SIMPLE ”**

ABOUT US

Established in 1996, INJET has been a professional designer and manufacturer. It was listed on the GEM of Shenzhen Stock Exchange on February 13, 2020, stock code: 300820.

The company is located in "China's major technical equipment manufacturing base" - Deyang City, Sichuan Province, covering an area of more than 80 acres.



2,000,000 ft²
Factory area



1900+
Employees



30 Years
Experience



33%
of team members
R&D



400k
AC Units
Annual Capacity



12k
DC Units
Annual Capacity

WHAT WE MAKE

- AC EV Chargers for home and commercial use.
- DCFC Solution for fleet and other commercial scenarios.
- OEM & ODM available.

PATENTS & HONORS

Injet has obtained multiple international patents. Our products are strictly CE, RoHS and REACH, FCC and UL certified. Our self-developed technology-Programmable Power Controller (PPC), which acts as the core technology for the DC unit, is both German and US patented.



Injet HanHui™ Commercial DC Fast Charger

PRODUCT HIGHLIGHTS



Flexible & Expandable Charging

Power from 120 to 480 kW.

Premium Build & Easy Control

Advertising display, stainless steel housing, top-brand components (LEM, ABB, Schneider).

Smart Software & Connectivity

LAN & 4G, OCPP 1.6 certified and OCPP 2.0.1 upgradeable, seamless backend integration. Stay up to date with OTA updates.

Easy Installation & Maintenance

With the patented Programmable Power Controller, Injet HanHui 480 is easy to maintain. All components are easily accessible and can be repaired or replaced within 60 minutes using standardized work steps.



3 Sets Of Light Strips
Allow users to clearly understand the status of the charging gun and the charger

32-inch advertising screen optional
Anti-glare AG glass supports both local and remote content management for pictures and videos

15.6-inch HMI with 4 operation buttons
ADA compliant
Anti-glare AG glass
High definition: 1960 resolution
Light and dark UI solution to adapt to different lighting situation

Multi-POS Brand Compliant



Self-retracting arm can reach the max range of 4.5-4.8m and provides easy and smooth plugging and unplugging

Cable anti-theft design
With grounding resistors equipped and when the cable is cut off, the charger will immediately report to the OCPP platform, and the alarm will sound simultaneously

Specification of Injet HanHui 480

Item		Injet HanHui 480
DC Output	Output Power	Configurable as 480 kW, 400 kW, 320 kW, 240kW, 160kW, 120kW Upgradable from 240 kW to 320 kW or 320kW to 480 kW
	Power Module	40kW SIC
	Dynamic Power Sharing	Minimum adjustable power 40-80 kW
	Output Voltage	150-1000 V
	Output Current (Nominal)	CCS1/CCS2: 350-400A, 600A; J3400(NACS): 375A, 600A; GBT: 300A, 600A
	Number of Outlets	Dual Outlet
	Power Conversion Efficiency	Up to 97%
AC Input	Nominal Voltage	(CE): 400 Vac \pm 10% (NA): 480 Vac \pm 10%
	Frequency	50/60 Hz
	Power Factor	>0.99 at full load
Customer Interface	Display	15.6" HD LCD (Optional) Type: 32" HD full-color LCD for Advertising
	Languages	English, French, Spanish, German, Italian
	Connector Options	CCS1/CCS2 air cooling / liquid cooling options J3400(NACS) air-cooling / liquid cooling options GBT air-cooling / liquid cooling options
	Cable Management	2 Self-retracting Swing Arms (Enclosure Integrated)
	Cable Length	5m (Reach: 4.3m) / 7.5m (Reach: 6.1m)
	Lighting	Roof: 270° RGB strips; Bevels: LED indicators; Gun holder: RGB
	Authentication Methods	RFID, Plug&Charge (ISO 15118), Credit/Debit Card, Mobile App
	RFID System	ISO 14443 A/B, and ISO/IEC 15693
Operating Conditions	Temperature	Operating from -30°C to 55°C with derating from 50°-55° Storage from -40°C to 70°C, IEC 60721-3-2
	Altitude	2000m (6562ft)
	Humidity	Up to 95%, non-condensing
	Noise Level	<65db
	Impact Resistance	IK10, NEMA 3R
	IP Rating	IP54
Form Factor	Dimensions of Charger Body	H x W x D = 2250 x 850 x 750 mm
	Accessibility	Meets ADA Requirements
	Enclosure Type	Stainless Steel
Standards & Compliance	Safety Certifications	(CE): CE, CB, UKCA (NA): CSA, FCC/IC, Energy Star
	Metering	(CE): MID (NA): CTEP/NTEP
	EMC	(CE): IEC 61851-21-2 (NA): FCC 47 CFR Part 15B (Class A)
	Network Connections	(Optional) Dual 4G/5G, Wi-Fi, Ethernet (10/100 Base-T)
	OCP	1.6J and 2.0.1
	Vehicle Communication Protocol	DIN SPEC 70121, ISO 15118-2, ISO 15118-3, Plug & Charge
	RED Directive	ETSI EN 300 330, ETSI EN 301 489-1, ETSI EN 301 489-3, ETSI 301 489-52, ETSI EN 301 908-13, EN 50364 (RFID), IEC 62311: 2019, EN IEC 62311: 2020 (4G test)
	Standard Warranty	2 years + SLA Package
	Others	Site Level EMS Control



Injet Ampax 1.0

US series

Commercial DC fast charging station

- Modern appearance design
- Highly integrated, self-developed patented power controller
- Diversified adaptation with mainstream OCPP platforms
- Self-developed & owned communication module
- Tested with the multiple brands and models of EV

PRODUCT INTRODUCTION

- A charging station can charge most vehicles up to 80% of their range within 30 minutes.



OCA.0016.
0663.CS



OCA.0016.
0664.CS

CTEP

6025-25



Intertek
No.5027451

FC

FCC ID:
2AZGWIHUB-2309



No.2684019

PRODUCT HIGHLIGHTS

- 10-inch touchscreen
- Payment terminal optional
- NACS connector optional
- OCPP 1.6J and OCPP 2.0.1 optional
- CTEP/ NTEP (compatibility)
- Plug & charge (coming soon)

Specification of Injet Ampax 1.0 US series

Power Specification	
Input voltage rating	480 VAC \pm 10%, 50/60 Hz
Power wiring	L1+L2+L3+N+GND
Dc voltage output	150 ~ 1000VDC
Charging connector	CCS1+CCS1, CCS1+NACS (Coming soon)
Charging cable length	5 meters/ 7.5 meters optional
DC power output rating	120kW/ 150kW/ 180kW/ 240kW
Constant power range	300 ~ 1000V DC
The maximum output current	300A
PF(Power Factor)	> 0.98(Load \geq 50%)
Connector mechanical operating life	\leq 10000 times, without load
User Interface & Control	
Charging control	RFID, Credit Card(Optional), App (Optional)
Human-machine interface	10-inch high-contrast touch screen
Indicators	High brightness multi-color LED lights
Network interface	Ethernet (RJ-45) / 4G/WIFI
Protocol(EVSE&Backend)	OCPP1.6J and OCPP2.0.1 Optional
Protocol(EVSE&EV)	DIN70121, ISO15118
Environmental	
Storage temperature	-40°C to 75°C
Work temperature	-30°C to 55°C(50-55°C derating output)
Work humidity	Up to 95% non-condensing
Work altitude	\leq 2000m
Cooling method	Forced air cooling
Protection	
Protection	Over Voltage Protection; Under Voltage Protection; Over Current Protection; Over Power Protection; Over Temperature Protection; Surge Protection Device; Short Circuit Protection; Inter modulation Distortion
Mechanical	
Protection ratings	Type 3R
Dimension (WxDxH)	1040mm \times 580mm \times 2200mm
Net weight	less than 500kgs
Enclosure material	Metal
Color	RAL 7032 (Grey)

Injet HanYuan™

DC Flexible Ultra Mega Charger



Ultra fast

- Designed for ultra-high-power charging hubs
- Up to 1920kW total output
- Liquid Cooling Satellite delivers up to 500A

Reliable

- OCPP 1.6J & 2.0.1 Security Level III & Cloud based EMS system
- High-protection enclosure + enhanced thermal management

Efficient

- Lower CAPEX and higher operational revenue
- Up to 1.9% improvement in overall system efficiency
- Up to 40% reduction in cable costs

Scalable





- Modular power architecture, scalable from 480kW to 1920kW
- Supports simultaneous charging for up to 48 Evs
- Compatible with PV and energy storage integration
- Inter-cabinet power distribution




Product Features

1. Flexible modular architecture for scalable deployment
2. Intelligent global power scheduling algorithm
3. Multi-standard charging interfaces compatibility
4. MCS upgradable
5. Flexible satellite configuration for diverse station layouts
6. Optimized system efficiency for maximum energy utilization
7. PV + ESS integration ready
8. Remote operation and diagnostics


Specification of Power Cabinet

Item		Injet HanYuan-Power Cabinet			
Output	Maximum Output Power	480kW	960kW	1440kW	1920kW
	Appearance				
	Max Number of DC Outputs For Each Output Type	12	24	36	48
	Output DC Voltage Range	150–1000V DC			
	Maximum DC Current Per Output	Up to 600 A per DC circuit			
	Power Module	40kW SiC			
	Granularity of Output Power	40kW			
Input	AC Nominal Voltage	(CE): 400Vac ± 10% (NA): 480Vac ± 10%			
	AC Rated Input Current	800A per cabinet			
	Frequency	50 Hz / 60 Hz ± 5%			
	Network Type	Three-phase +PE, TN-C/TN-S, TT			
	Power Factor	≥ 0.99			
Operating Conditions	Operating Temperature	-30° up to +55°C with derating			
	Altitude	Up to 2000 m			
	Storage Temperature	-40°C to +55°C			
	Humidity	10% - 95% relative (non-condensing)			
	Installation	Indoor and outdoor			
	Type of Installation	Floor mounted on foundation			
	Ingress Protection	IP54			
	Impact Protection	IK10; NEMA 3R			
Dimensions	Dimension(H*W*D)mm	2150*750*1100			
Remote Management	Remote Management	Diagnostics, software updates			
Standards	Network Connections	Router (4G, Ethernet, WiFi)			
	Network Communications Protocol	OCPP 1.6J, OCPP 2.0.1			
Electrical Protections	Electrical Protections	Over/undervoltage, surge protection, fire protection, leakage current protection, device overtemperature, overcurrent, etc.			

Specification of Liquid Cooling Satellite

Item		Injet HanYuan-Liquid Cooling Satellite
Output	Charging Interfaces	1* CCS1 / 1* CCS2 / 1*GBT
	Output DC Voltage Range	150-1000V DC
	Maximum DC Current	500A
	Cable Lengths	5m / 7.5m
	Appearance	
Input	DC Current	Up to 600 A per DC circuit
	DC Circuits from Power Cabinet	1
	AC Supply	Three-phase AC provided by Power Cabinet
	Communication with Power Cabinet	Ethernet
Operating Conditions	Operating Temperature	-30°to+50°
	Altitude	< 2500m
	Storage Temperature	-40°to+50°
	Humidity	10% - 95% relative (non-condensing)
	Installation	Indoor and outdoor
	Type of Installation	Floor mounted on foundation
	Ingress Protection	IP54
Impact Protection	IK10; NEMA 3R	
Dimensions	Dimension(H*W*D)mm	2093*587*314 (without cable management) 2278*587*314 (5m cable reel) 2701*587*314 (7m cable reel)
User interface	User Interface	10' HD LCD+ Emergency button (Optional)
	User Authorization	APP, RFID card, QR code, Credit Card (Optional), PnC, MAC address
	Language	English, French, Germany, Italian, Spanish
	Accessibility	Meets ADA, PAS 1899 Requirements
Remote Management	Remote Management	Diagnostics, software updates
Certification & Standards	Certification	(CE): CE (NA): CSA, FCC
	Standard Protocol	IEC 61851-23, ISO 15118-2, DIN 70121
	RFID System	ISO 14443

Specification of Natural Cooling Satellite

Item		Injet HanYuan-Natural Cooling Satellite
Output	Charging Interfaces	2*CCS1, 2*CCS2, 2*GBT, 1*CCS1+1*NACS
	Output DC Voltage Range	150-1000V DC
	Maximum DC Current	300A
	Cable Lengths	5m/ 7.5m
	Appearance	
Input	DC Current	Up to 300A per DC circuit
	DC Circuits from Power Cabinet	1, 2
	AC Supply	Three-phase AC provided by Power Cabinet
	Communication with Power Cabinet	Ethernet
Operating Conditions	Operating Temperature	-30°to+50°
	Altitude	< 2500m
	Storage Temperature	-40°to+50°
	Humidity	10% - 95% relative (non-condensing)
	Installation	Indoor and outdoor
	Type of Installation	Floor mounted on foundation
	Ingress Protection	IP54
Impact Protection	IK10; NEMA 3R	
Dimensions	Dimension(H*W*D)mm	2093*587*314 (without cable management) 2278*587*314 (5m cable reel) 2701*587*314 (7m cable reel)
User interface	User Interface	10' HD LCD+ Emergency button (Optional)
	User Authorization	APP, RFID card, QR code, Credit Card (Optional), PnC, MAC address
	Language	English, French, Germany, Italian, Spanish
	Accessibility	Meets ADA, PAS 1899 Requirements
Remote Management	Remote Management	Diagnostics, software updates
Certification & Standards	Certification	(CE): CE (NA): CSA, FCC
	Standard Protocol	IEC 61851-23, ISO 15118-2, DIN 70121
	RFID System	ISO 14443

Injet Vision Pro Series

Full Function Level 2 Commercial Charger



PRODUCT HIGHLIGHTS

- Up to 80A/19.2kW of charging capacity
- SAE J1772 (Type 1) / SAE J3400 (NACS)
- Tap-to-Pay
- Pedestal with cable management
- OCPP 1.6J or OCPP 2.0.1 optional.
- Full certification: CSA, FCC, Energy Star, NTEP/CTEP
- Plug & Charge (ISO 15118)
- Compliant with EMS, multiple interfaces (Modbus RTU, Modbus TCP/IP, API)
- Bidirectional metering, 1%
- V2G upgradeable
- Strong environmental compatibility.

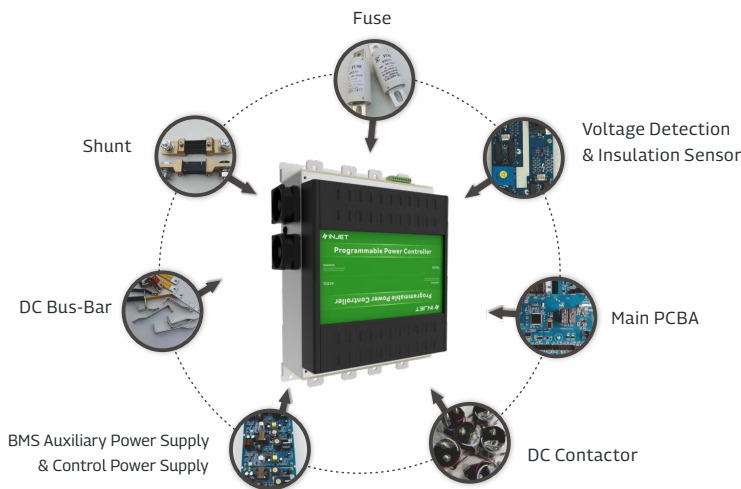


Specification of Injet Vision Pro

Item		Injet-Vision Pro		
Maximum Power (@Level 2 240V AC)		9.6kW/40A	11.5kW/48A	19.2kW/80A
Basic Info	Charging Connector	SAE J1772 (Type 1) / SAE J3400 (NACS) 18 feet (5 meters) / 25 feet (7.5 meters) optional		
	AC Nonimal Voltage	Level 2 208/240 V AC, 60Hz		
	Indicator	Multi-color LED indicator		
	Display	4.3-inch LCD touch screen		
	Dimension(H×W×D)	15.91×11.18×5.91 inches (404×284×150mm)		
	Charging Control	RFID, credit card (optional), APP (optional), PnC		
Features	Remote Communication	WiFi (2.4GHz, 5GHz), Ethernet (via RJ-45), 4G (optional)		
	OCPP	OCPP 1.6J or OCPP 2.0.1 optional		
	APP	Yes		
	Local Communication Interface	Bluetooth, RS-485 (optional), CAN (optional)		
	PnC (ISO15118)	Yes(Certified by Hubject)		
	Power Sharing	Optional		
Safety	Enclosure Rating	Type 4/IP65		
	Protection	Earth leakage protection, over load protection, over/under voltage protection, short circuit protection, ground protection, surge protection, over temperature protection		
	Certification	CSA, FCC, Energy Star, NTEP/CTEP		
	Certification Standard	UL 2594, NEC 625		
Environment	Installation	Wall/Pedestal mounted		
	Storage Temperature	-40°F to 167°F (-40°C to 75°C)		
	Operating Temperature	-31°F to 131°F (-35 to 55°C)		
	Operating Humidity	≤95%RH, no water droplet condensation		
	Operating Altitude	≤ 9853 feet (3000m)		

Programmable Power Controller(PPC)

Our Programmable Power Controller(PPC) is a highly integrated power module that contains multiple functional components. You can quickly build a DC charging station by assembling "Case+Charging Module+PPC+Connector". This technology revolutionized the way of manufacturing charging stations, and it significantly simplifies the assembly of charging station. By choosing our PPC, production efficiency is not the only thing you are improving.



Injet DC Chargers Adopted a Modularised Design Approach

- PPC (Programmable Power Controller)
- Integrated Smart HMI
- Scalable Power Modules
- Cabinet
- Cable & Connector
- Payment Terminal

FEATURES

- Charging System: IEC 61851-1 ed 3, IEC 61851-21-2 ed 1, IEC 61851-23 ed 1, IEC 61851-24 ed 1, IEC 62196-2, IEC 62196-3, IEC 6100
- Communication Standard: ISO 15118, DIN 70121
- Applicable power range: 60~200kW
- Input work voltage range: 230 VAC +/- 10% (50 Hz or 60 Hz)
- DC input voltage range: 12~1000V
- DC output voltage range: 12~1000V
- DC input maximum current: 300A
- DC output maximum current: 300A
- Number of outlet: 2
- Communication to the backend: OCPP 1.6 JSON
- Overvoltage category: Type II
- Standby power: 5W
- Energy metering: Optional, MID metering for DC outlets

- Communication Protocol: OCPP 1.6J
- Storage Temperature: -40°C to 75°C
- Work temperature: -20°C to 55°C, derating output in 55°C
- Work humidity: Up to 95% non-condensing
- Work altitude: ≤2000m
- Cooling Method: Natural cooling
- Equipment Dimension(W×D×H): 300mm×170mm×430mm
- Equipment Weight: ≤ 12kg

Protection			
Over voltage protection	Yes	Short circuit protection	Yes
Over load protection	Yes	Ground protection	Yes
Over-temp protection	Yes	Surge protection	Yes
Under voltage protection	Yes		



US Patent Granted, Germany Utility Registered

PPC Makes DC Chargers Simple and Powerful

Traditional DC Chargers Consist of

- 600 PCS of Terminal Blocks + 300 PCS Wires
- DC Watt-Hour Meter
- Voltage Detection Transmitter
- Insulation Detector
- Charging Pile Controller
- 24V/12V AC/DC Switching Power Supply (for GB/T Standard)
- AC/DC Power Supply Module
- MCB, Relay, SPD
- MCCB, AC Contactor
- DC Vacuum Contactor

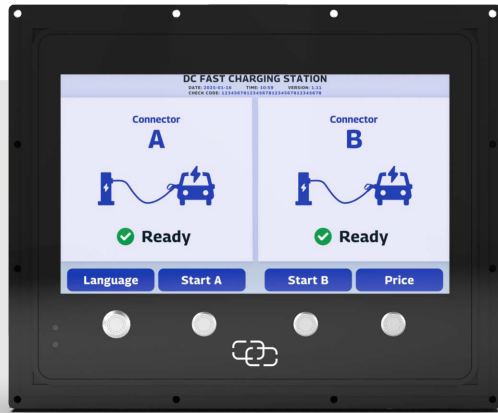


Maintenance of DC Charging Station

Traditional		
Failure Occurs	Maintenance Personnel to the Scene	1~2 Days
	Determine the Fault Point	1~2 Days
Need accessories	Spare Parts Delivery	2~6 Days
	Repair and Recovery	1~2 Days
Device Back Up and Running		—
2-10 Days in Total		

With PPC		
Failure Occurs	The Background Directly Judges the Fault	2~4 Hours
Equipment Needs to be Replaced	Direct Replacement of Power Controller	2~4 Hours
Device Back Up and Running		—
Less Than 8 Hours		

Smart HMI



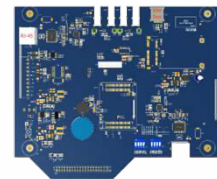
With our proud patents, various functional components are highly integrated to achieve I/O interaction and communication between the Programmable Power Controller(PPC) and the charging station. When building your charging stations, The only thing you need to do is to embed the smart HMI on the front or side facade of the station, then connect with the Programmable Power Controller(PPC). Technicians can easily control, program and operate the charging station when reducing cost of labor and time consumption.

FEATURES

- Control power supply: 24VDC
- SIM card type: NANO-SIM
- Charging Control: App, RFID
- Human-Machine Interface: 15.6" HD LCD
- Network Interface: 4G / Ethernet (Rj45)
- Communication Protocol: OCPP 1.6J
- Storage temperature: -30°C to 80°C
- Work temperature: -20°C to 55°C, derating output in 55°C
- Work humidity: Up to 95% non-condensing
- Work altitude: ≤ 2000m
- Cooling Method: Natural cooling
- Protection Ratings: Ip54



Traditional practice



Patent technology

SMART HOME CHARGING SOLUTION

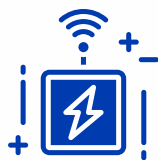


Scan the QR code to download our WE E-charge APP. Our APP is available both in IOS APP Store and Google Play.



Remote control

Start/Stop the EV charging



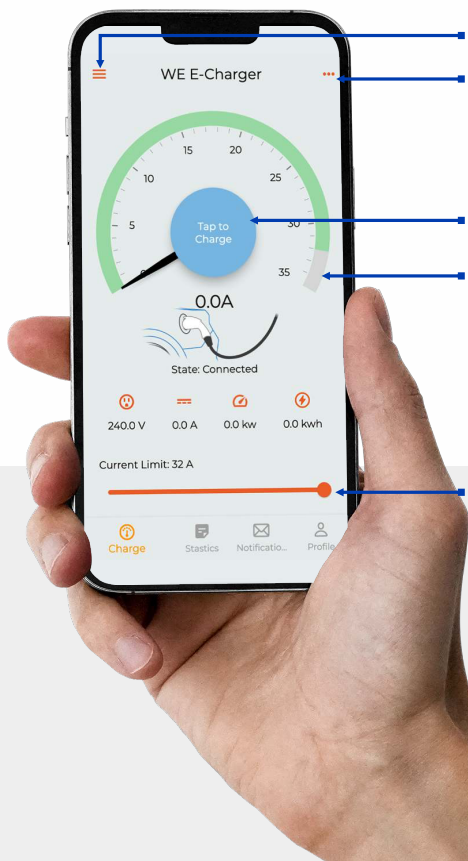
Current limit

Change the charging current and power freely



Easy setting

Video and user manual guidance, show you all the sitting process step by step



Select charger Menu

Manage all your chargers
Schedule / Share / History / Users / Settings / Remove charger

Charging button

Tap to start or stop charging

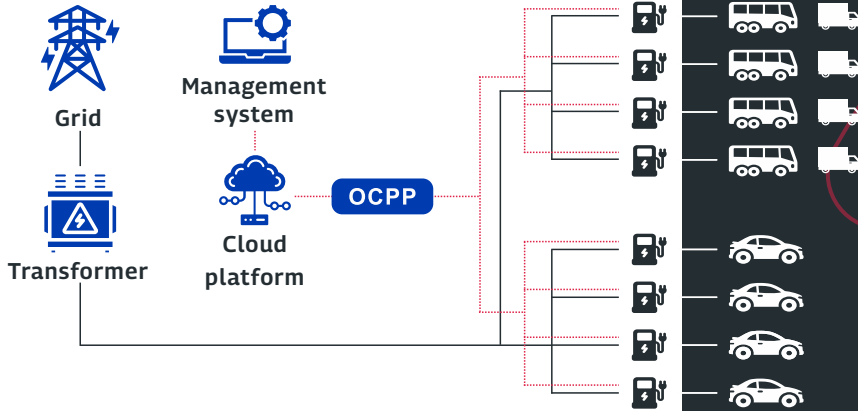
Charging current

Real time charging statistics

Set current

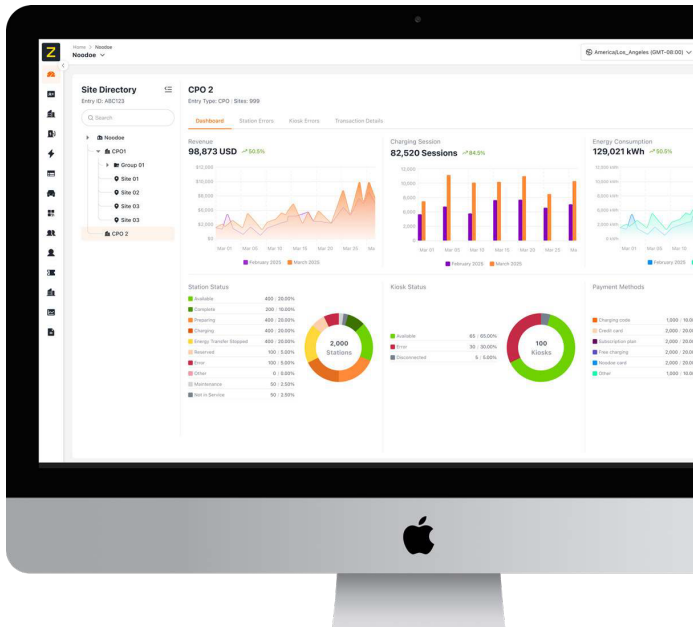
Freely set to make the charging speed slow or fast.

COMMERCIAL AND FLEET CHARGING SOLUTION



Leading the Charge in Smart EV Technology

We provide fleet management system to fully support your business.



Noodoe EV OS is an advanced Charge Point Management System (CPMS)

Designed to maximize charger uptime, optimize revenue streams, and provide a seamless user experience for operators of all sizes.



Fast & Easy Deployment



Dashboard



Access Control



Standard and Custom Reporting



Quick Charging Web App



Power Management



Hands-off Revenue



Pricing Controls

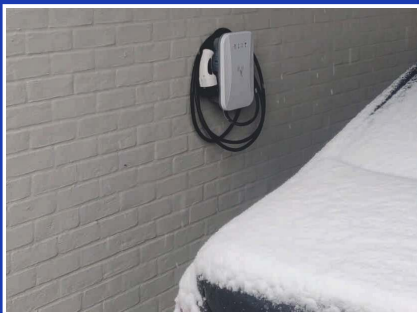


Payment Kiosk



AI Analyst

Thanks to your support, we are now all over the world.



REAL SHOTS

