NC8000 Series EV Charging Stations

Universal Product Interoperability Open standards focus ensures compatibility.	**Supports Flexible Business Models** Custom rules & billing options enable business agility.	**Next-gen Cloud Administration** Guarantees worry-free operation.

Proven utility-grade reliability built on open standards for future-proof investment

- Intuitive User Interface
- True Open Charge Point Protocol (OCPP) compliant to select any network provider
- Universal J1772 charger works with all plug-in EVs, including Tesla with an adapter
- Wall or Pedestal Mounting

Robust Communication
- Networked: Wi-Fi, Cellular
- Non-Networked: Authenticated
- Expanded RFID Tag Reader Capability to control alternative charging access and payment

Easy Installation
- Single or Dual
- Engineered aluminum pedestal supports two units and their holsters
- High-Velocity Wind-Rated

Rugged, Feature-Rich Design
- All-Weather Housing - NEMA 4
- 25' Cord Option
- Hardened Heavy-Duty Connector
- Rust & Heat Damage-Resistant
- Tamper-Resistant Design

The NC8000 delivers flexible business model adoption

Public Charging

- Fully Networked Charger
- RFID Card Enabled
- Standard OCPP Network
- Independent Billing
- Flexible User Controls
- Flexible Billing Terms
- User Authentication
- Power Select/Share
- 24 hr. Driver Support
- Web/App Visibility

MDU, Fleet & Workplace Charging

- Expanded RFID Option
- User Authentication
- Cloud Data Collection
- Low Operational Cost
- Dynamic Load Mgmt
- Authenticated Charging
- Resilient Transaction Preservation
- Cloud Outage Availability

Free-vend Public Charging

- Automatic Charging Mode
- Networked Cloud Options
- Free Charging Mode
- Optional Data Collection Mode
- Power Select Capable

Personal Residential Charging

- Automatic Free Charging
- Networked Cloud Options
- Demand Response
- Power Select capable
- Low Operational Cost
- WiFI Installation App

Customize a branded faceplate.

Network Options

NON NETWORKED   RFID   QR CODE   QR & RFID

WAYS TO GET IN TOUCH

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It Doesn't Get Better Than
Our EV Charging Administration Solution

chargeup ⚡®

Flexible Hosts & Station Roles

- ✅ **Integrated:** All chargers & locations are managed by one organization with host-defined rules

- ✅ **Distributed:** Enables variety in management business models, permissions, access, pricing and more

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Multiple Pay Models
Create Flexible Revenue Streams

- ✅ Ability to create usage rules that enable differentiation in EV charger access

- ✅ Ability to apply usage & pricing rules for accounts, drivers, vehicles and organizations

- ✅ Host-defined flexible pricing rules support revenue optimization, including public charging

Future-Proof Features

- ✅ True Open Charge Point Protocol (OCPP) compliant to select any network provider

- ✅ Web-enabled, platform independent, virtual & secure user access

- ✅ Support for driver access via both mobile phone application & RFID tag

The Driver Experience is... **Intuitive Flexible Easy**

NC8000 SERIES SPECIFICATIONS - US & Canada

Model	32 Amp	40 Amp	80Amp
Electrical Specs			
Current (rms)	Max 32A	Max 40A	Max 80A
Voltage (Vac)	208/240VAC, Single Phase		
Frequency (Hz)	50 Hz/60 Hz		
Input Power-Standard	208/240VAC, Single/Split Phase, 32A, WYE Configuration		
Input Power-Custom	208/240VAC, Single Phase, With Reduced Power Options		
Output Power	7.68kW (240VAC@32A)	9.6kW (240VAC@40A)	19.2kW (240VAC@80A)
Metering Accuracy	Embedded +/- 2% (internal)	Embedded +/- 1% (internal)	Embedded +/- 1% (internal)
Network & Administrative Support			
Network Services Support	Open Standard Administrative Cloud and Non-Cloud Options Available		
Unlocked Network Selection	Supports On-the-Fly Network Change-Over		
Data Protocol	Open Standard, OCA Compliant OCPP 1.6J		
Demand Response	Provides In-Band & Out-of-Band Access to Central Server Open ADR		
Secure Administrative Channel	Provides In-Band & Out-of-Band Communications for Administrative Functions		
Remote Diagnostics Capable	Enables Automatic Self Healing Functionality through In-Band & Out-of-Band Services (NovaBot Cloud Required)		
Communications & Interfaces			
Wi-Fi	802.11 b/g/n (OCPP and Administrative Capable)		
Ethernet	Yes (OCPP and Administrative Capable)		
Web portal management	Yes (Requires Administrative Cloud or Diagnostic Cloud Services)		
Cellular	4G-LTE Cat. 1 (ATT, TMobile, Verizon); 5G Future-Proof	4G-LTE Cat. 1 (ATT, TMobile, Verizon); 5G Future-Proof	4G-LTE Cat. M1/Cat. NBio T(ATT, TMobile, Verizon); 5G Future-Proof
Robust RFID/NFC Authentication	ISO 14443 A/B (MiFare compatible), ISO 15693, NFC; NEMA Interoperability Protocol		
Material Specs			
Holster	Click-In Holster for J-1772, Wall or Pedestal Mount		
Charging Cable	Commercial heavy-duty 25 ft. (18 ft. optional)		
Charging Connector	SAE J1772 Type 1-with hardened rubber wrap for heavy-duty use	SAE J1772 Type 1- heavy-duty use KST connector	SAE J1772 Type 1- heavy-duty use KST connector
Real Time Clock	Yes (Synchronization with NTP & Cloud Service)		
Display	116(L)*8.5(W)*37(H)mm, 5.57mm CHARACTER HEIGHT, 5"8 DOT Matrix, OLED 20x2		
Mounting Type	Wall/Pole mount (optional pedestal available)		
Wiring Type	Hard-wired or NEMA 6-50 Optional	Hard-wired	Hard-wired
Dimension (HxWxD, inch)	11.14 x 7.56 x 3.11	11.14 x 7.56 x 3.11	14.1 x 10.6 x 5.5
Light Indicators	Informative Light Indicators for Applicable State: Charger Available, Charging Started, Battery Full, Charger Faults and Charging Completed		
Environmental & Safety Specs			
Operating Temperature	-30 ~ 50 ℃/-22 ~ 122 ℉	-30 ~ 50 ℃/-22 ~ 122 ℉	-35 ~ 55 ℃/-31~131 ℉
Storage Temperature	-40 ~ 70 ℃ / -40 ~ 158 ℉	-40 ~ 70 ℃ / -40 ~ 158 ℉	-40 ~ 80 ℃/ -40 ~176 ℉
Operating Humidity	95% RH non-condensing		
Impact Resistance	IK10		
IP Performance	NEMA 4	NEMA 4	NEMA 3R
Certifications/Safety Compliance	cUL, UL 50/991/1449/1998/2231/2594, FC Part 15B FCC Part 15B/15.247 (Wi-Fi)/FCC Part 15.225 (RFID) Overload Protection & Ground Fault Detection Energy Star Certified		
Limited Warranty	NovaCHARGE warrants that this product shall be free of defects in materials and workmanship under normal use for a period of 4 years (Commercial) from the date of delivery. For complete warranty information, contact NovaCHARGE at info@NovaCHARGE.net	NovaCHARGE warrants that this product shall be free of defects in materials and workmanship under normal use for a period of 4 years (Commercial) from the date of delivery. For complete warranty information, contact NovaCHARGE at info@NovaCHARGE.net	NovaCHARGE warrants that this product shall be free of defects in materials and workmanship under normal use for a period of 2 years (Commercial) from the date of delivery. For complete warranty information, contact NovaCHARGE at info@NovaCHARGE.net
Additional Warranty (Optional)	Extra One Year Warranty Extendable		

Interested?
Let's Talk.

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