

TECHNOLOGY

EXPERIENCE

PROCESS

SUPPORT

NC7000 Series EV Charging Stations

Universal Product Interoperability

Open standards focus ensures compatibility.

Supports Flexible Business Models

Custom billing arrangements enable business agility.

Scalability that Promotes Reliability

Remote management guarantees worry-free operation.

Designed to exceed the expectations of everyone.

Proven to meet the demands of commercial organizations.

Intuitive Interface

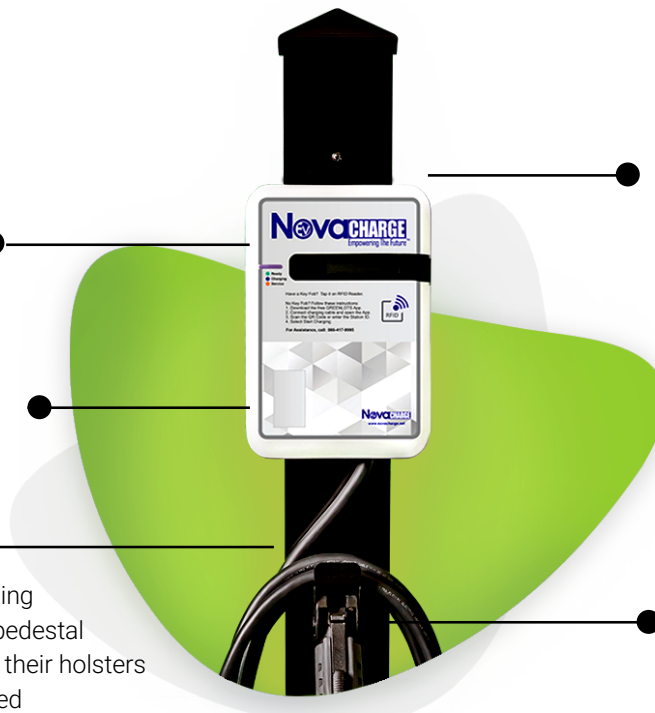
- Clear Indicator Lights
- Informative Labels

Built on Open Standards

- OCPP 1.6J
- J-1772 Connector

Easy Installation

- Wall or Pedestal Mounting
- Engineered aluminum pedestal supports two units and their holsters
- High Velocity Wind Rated



Robust Communications

- Unlocked Cloud Options
- Authenticated: Without a Network
- RFID-enabled Authentication
- Networked: Wi-Fi, Cellular

Rugged, Feature Rich Design

- All weather Housing - NEMA 4
- 25' Cord Option
- Hardened Rubber Connector
- Rust & Heat Damage Resistant
- Tamper Resistant Design

The NC7000 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

- RFID Card Enabled
- User Authentication
- Cloud Data Collection
- Low Operational Cost
- 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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NC7000 SERIES SPECIFICATIONS – US & Canada

Electrical Specifications

Charging Connector	SAE J1772 Type 1- with Hardened Rubber Wrap for Heavy-Duty Use
Input Power - Standard	208/240VAC, Single/Split Phase, 32A, WYE Configuration
Input Power - Custom	208/240VAC, Single Phase, With Reduced Power Options
Installation Type	Hard-Wired or Optional NEMA 6-50 Plug
Frequency	60Hz
Output Power	7.68kW (240VAC@32A)
Metering Accuracy	Embedded ± 2%

Network & Administrative Support

Network Services Support	OCPP and Non-Cloud Options Available
Unlocked Network Selection	Supports On-the-Fly Network Change-Over
Standards-based EVSE Control	OCPP 1.6J (Open Standard Protocol as Defined by OCA)
Demand Response	OpenADR (Requires Central Server Open ADR Support)
Secure Administrative Channel	Provides In-Band Communications
Remote Diagnostics Capable	Secure In-Band & Out-of-Band Diagnostic Services

Communications & Interfaces

Wi-Fi	802.11 b/g/n
Cellular	4G-LTE Category 1 [AT&T, T-Mobile or Verizon]
RFID/NFC	ISO 14443 A/B-ISO 15693 -NFC; NEMA Interoperability Protocol
Cellular Signal Requirements	AT&T/T-Mobile: RSRP > -90dBm; Verizon: RSRP > -90dBm & RSRQ > -10dBm

Material Specifications

Dimensions	11.14" x 7.56" x 3.11"
Enclosure Rating / Impact Res.	NEMA 4 / IK10
Impact Resistance	IK10
Charging Cable Length	18 ft. & 25 ft. Options
Mounting Type	Wall Mount & Bollard Mount (Optional)
Display	116mm x 8.5mm, 5.57mm Character Height, 5 x 8 Dot Matrix, OLED 20x2
Light Indicators	Green: Ready; Blue: Charging; Red: Service
Holster for connector	Click-In Holster for J-1772

Environmental & Safety Specifications

Operating Temperature	-22°F to +122°F (-30°C to +50°C)
Storage Temperature	-40°F to +158°F (-40°C to +70°C)
Operating Humidity	95% RH non-condensing
Safety Compliance	UL Listed for USA, cUL Certified for Canada
	UL 50/991/1449/1998/2231/2594
	FCC Part 15B/15.247 (Wi-Fi) / FCC Part 15.225 (RFID)
	Overload Protection & Ground Fault Detection

NC7000 SERIES LIMITED WARRANTY

NovaCHARGE warrants that this product shall be free of defects in materials and workmanship under normal use for a period of three (3) years (Commercial) or three (2) years (Residential) from the date of delivery. For complete warranty information, contact NovaCHARGE at info@NovaCHARGE.net.