



Eastern Energy Solutions

January 20, 2026

Village of Middleburgh
Attn: Mayor Timothy Knight
144 Wells Ave.
Middleburgh, NY 12122

RE: EV Charging Stations

Dear Mayor Knight,

Eastern Energy Solutions, Inc. is pleased to submit our proposal for the EV Charging Stations proposed for the Village of Middleburgh at 144 Wells Ave.

Scope of Work

- The installation of 2, Red E Pro 50/Autel MaxiCharger commercial EV charging stations located in the parking lot in front of the M&S Depot. Power for the charging stations will be distributed from the existing 120/240V meter/panel combo electrical service for the M&S Depot. Each charging station/port will be powered by a dedicated 60amp 2 pole breaker fed with #6 AWG. 30' of 1 ¼" PVC conduit will be trenched from the meter panel to the charging ports. The charging stations will be mounted on a dual mount EVC pedestal with cable management. The EVC pedestal will be mounted on a pre-case EVC concrete base with a safety bollard. An electric vehicle parking signs will be mounted on the charging station pedestal.
- A 5 year subscription of Red E Enterprise EV charging software and data plan will be included with the installation. The Village of Middleburgh will work directly with Red E to activate the chargers once they are commissioned by EES. This software will monitor the condition and usage of the charging stations, take payments, log charging history, as well as many other control and special features.
- This project is eligible for National Grid Make Ready EV Charger incentives. The incentive process for this program will be administered by EES.

Associated Materials:

2	Red E Pro 50/Autel MaxiCharger commercial EV charging stations, 208-240V, 50A
2	5 Year Red E Enterprise EV Charging Software – Performance Package
1	Electric Vehicle Parking Signs & EVC Pedestal with Cable Management
**	All Electrical Materials (pipe, wire, boxes, etc.) & Equipment Rental

Project Cost

• Make Ready Project Cost:	\$9,429.42
• EV Charger Project Cost:	<u>+\$3,538.70</u>
• Project Cost:	\$12,968.12
• NG MR EVC Incentive:	<u>-\$8,486.48</u>
• Net/Final Project Cost:	\$4,481.64

We truly look forward to the opportunity of providing our services to the Village of Middleburgh.

Thank you for your considerations.

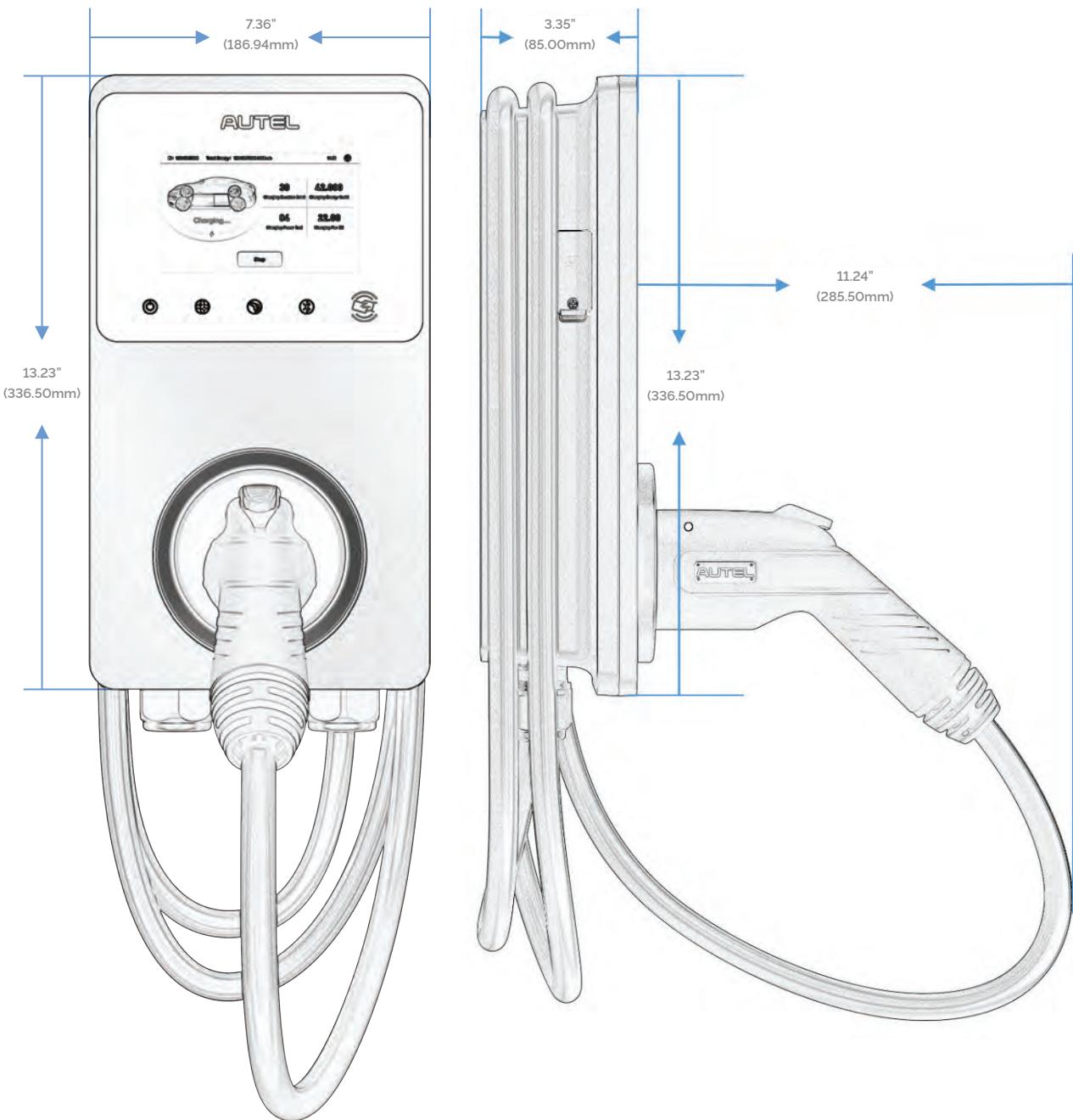
Respectfully,

Kris Granger
Vice President
Eastern Energy Solutions, Inc.

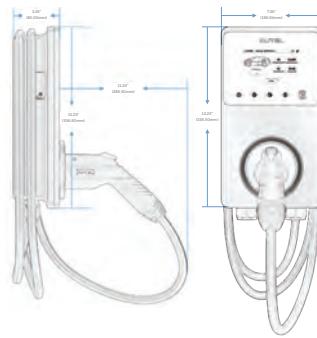
Encl.

MAXICharger™ ACELITE BUSINESS

LEVEL 2 ELECTRIC VEHICLE CHARGER SPECIFICATIONS



AUTEL® MAXICARGER™
ACELITE BUSINESS
LEVEL 2 ELECTRIC VEHICLE CHARGER



SPECIFICATIONS

POWER

INPUT/OUTPUT POWER RATING & CURRENT	12kW (240V AC*50A)
INPUT/OUTPUT VOLTAGE	208V±15%; 240V±15%, 60Hz
NETWORK TYPE	L1/N+PE, L1/L2/PE
INPUT CORD	Hardwired
CONNECTOR TYPE	SAE J1772, 25ft (7.5m)
GROUND FAULT DETECTION	20mA CCID
PROTECTION	Overcurrent, Overvoltage, Undervoltage, Integrated Surge Protection
POWER MEASUREMENT ACCURACY	Full Scale

OPERATIONAL RATINGS

ENCLOSURE RATING	NEMA 4X
OPERATING TEMPERATURE RANGE	-40°F ~+131°F (-40°C ~+55°C)
STORAGE TEMPERATURE RANGE	-40°F ~+185°F (-40°C ~+85 °C)
MOUNTING	Wall Or Floor Using A Pedestal
DIMENSIONS (H×W×D)	13.23"×7.36"×3.35" (336×187×85mm)

USER INTERFACE

STATUS INDICATION	LED/APP/Touch Screen (5 Inch LCD, 800*480)
USER INTERFACE	Autel Charge APP; Autel Charge Cloud
CONNECTIVITY	Bluetooth, Wi-Fi, Ethernet, 4G, CAN, RS485
COMMUNICATION PROTOCOLS	OCPP 1.6J
USER AUTHENTICATION	APP, RFID Card
CARD READER	ISO 15693, ISO 14443, NFC
SOFTWARE UPDATE	OTA

CERTIFICATION & STANDARDS

SAFETY & COMPLIANCE	UL 2231-1, UL 2231-2, UL2594, NEC Article 625, CSA C22.2
EMC COMPLIANCE	FCC 15 Class B
CERTIFICATION	Energy Star, OpenADR 2.0b
WARRANTY	36 Months, Warranty Extension Available

DESCRIPTION	PART NO.	MODEL NO.	POWER SUPPLY
MAXICARGER AC ELITE BUSINESS C50	MCC50AHI	MAXI US AC W12-L-4G	HARDWIRED





REDE /



AC COMMERCIAL SINGLE PORT LEVEL 2 CHARGER 12kW

POWER

INPUT/OUTPUT POWER RATING &
CURRENT INPUT/OUTPUT VOLTAGE
NETWORK TYPE
INPUT CORD
CONNECTOR TYPE
GROUND FAULT DETECTION
PROTECTION
POWER MEASUREMENT ACCURACY

12kW (240V AC*50A)
208V±15%; 240V±15%, 60Hz
L1/N+PE, L1/L2/PE
Hardwired
SAE J1772, 25ft (7.5m)
20mA CCID
Overcurrent, Overvoltage, Undervoltage, Integrated Surge
Protection Full Scale

OPERATIONAL RATINGS

ENCLOSURE RATING
OPERATING TEMPERATURE
RANGE STORAGE TEMPERATURE
RANGE MOUNTING
DIMENSIONS (HxWxD)

NEMA 4
-40°F ~+131°F (-40°C ~+55°C)
-40°F ~+185°F (-40°C ~+85 °C) Wall Or
Floor Using A Pedestal
13.23" x 7.36" x 3.35" (336x187x85mm)

USER INTERFACE

STATUS INDICATION
USER INTERFACE
CONNECTIVITY
COMMUNICATION
PROTOCOLS USER
AUTHENTICATION CARD
READER
SOFTWARE UPDATE

LED/APP/Touch Screen (5 Inch LCD,
800*480) Autel Charge APP; Autel Charge
Cloud Bluetooth, Wi-Fi, Ethernet, 4G, CAN,
RS485 OCPP 1.6J (Can
Be Upgraded To OCPP 2.0.1 Later) APP, RFID
Card
ISO 15693, ISO 14443, NFC
OTA

CERTIFICATION & STANDARDS

SAFETY & COMPLIANCE
EMC COMPLIANCE
CERTIFICATION
WARRANTY

UL 2231-1, UL 2231-2, UL2594, NEC Article 625, CSA
C22.2, UL 916 FCC 15 Class B
Energy Star, OpenADR 2.0b
36 Months, Warranty Extension Available





Why RED E?



ALWAYS READY. AN EV CHARGING NETWORK THAT'S A LWAYS READY. AN EV CHARGING NETWORK THAT'S A LWAYS READY. AN EV CHARGING NETWORK THAT'S



Recognized Leadership

J.D. Power Recognition

- Ranked **#1 CCS charging network nationwide for driver satisfaction**
- The **only CCS network rated above average** in every driver experience category



Trusted by Industry Leaders

- Preferred vendor for some of **the largest C-store chains in the U.S.**
- Chosen integration partner by **leading auto OEMs** including **Ford, BMW, and Nissan**
- Approved and funded by **utility and state programs nationwide, from coast to coast**



Reliable, Simple and Integrated

- 24/7 U.S.-based Support Team** (in-house, not AI/outsourced)
- Designed and built **by EV drivers, for EV drivers**
- Hardware, software, and service that **actually work together**
- 5,000+ charging ports** used daily by thousands of drivers



What Drivers Say

- "RED-E is the best company right now. Easy to use, don't need an app"
-Nathan M
- "Helpful large touchscreen...can pay directly using a card, no apps required"
-Justin R, Kia Niro EV
- "First time I was able to just swipe my card and charge without downloading an app."
-Michael K
- "RED-E are notoriously reliable and easy to use, love them!"
-Justin S

redecharge.com

313-262-6722

info@redecharge.com

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Charging Station Management

- Assign devices and settings to locations and sub locations

Control Charging Time

- Set charging station hours of operation
- Set separate availability schedules for weekdays and weekends

Access Control

- Grant charging station access to authorized users and manage access at location level

Reports

- Daily and monthly consumption reports by user, charging station, location, company
- Review active charging sessions
- Run session history reports by station and user
- Review real-time consumption for each location
- Export reports in PDF, XLSX, CSV customizable usage reports
- Map of sites
- Charger uptime
- Parking/idle time and buffer time management
- Tax Management
- First come first serve and equal distribution load management
- Dashboard with quick view
- Petroleum displacement report
- Greenhouse gas savings report

Pricing and Payments

- Set pricing by kWh, session, hour or any combination thereof
- Integrated pay for parking collection
- Payment collection in app
- Generate custom usage reports & export data for invoicing

Administrator Dashboard Access

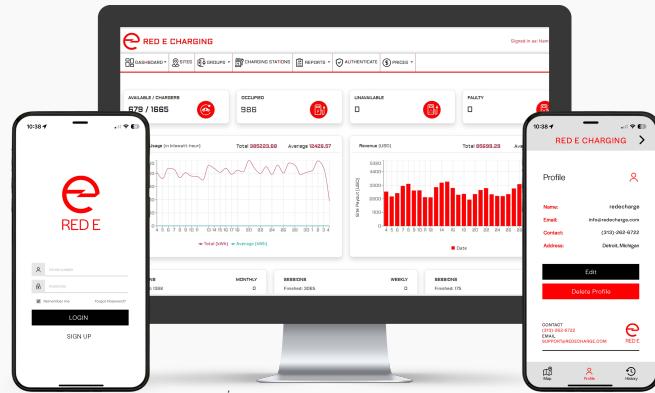
- Grant users access to specific locations and devices
- Administrator access level control

Reseller Dashboard and Whitelabeling

- Resellers can manage stations on behalf of their customers
- Brand dashboard with any company logo and email
- Create a unique company URL (e.g. <https://company.juice.net>) for each end customer

Automated Load Balancing

- Limit maximum power load for each location or group of charging stations
- Monitor current load
- Review maximum load per location and per day



Driver Features

- Start charging using mobile app
- Review current session status
- Review history and cost of sessions
- Charging start and stop notifications
- App available for iOS and Android
- Payment via app or direct through web-page

Troubleshooting Tools

- Review state of the charging station: status, temperature, voltage, kW, amperage
- View logs and events for each charging station

Network Visibility & Integrations

- PlugShare, Ford BlueOval Network, BMW Charge Network, Shell Recharge, Charge Nissan, ChargeHub, Google Maps, Apple Maps, Waze, & more