

# Charging the Life

Driving the green future with EVSIS



EVSIS

# DC charger

30kW

## Key Features

CE, cMETus(NRTL/CSA), FCC Compliant

CTEP/NTEP, Energy Star Compliant

Networked or Non-Networked charger

Remote monitoring and update for optimal operation

Fits all CCS vehicles



High energy efficiency

Effortless charging

Easy installation and minimal maintenance

Advanced service support

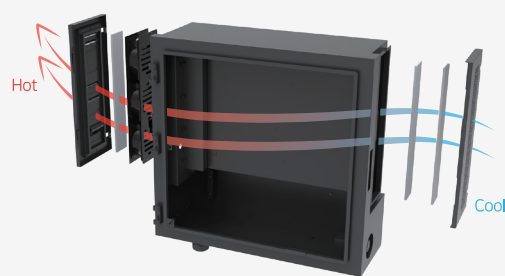
JC-9A31-30-CX (CE)

JC-9A31-30-CT (UL)

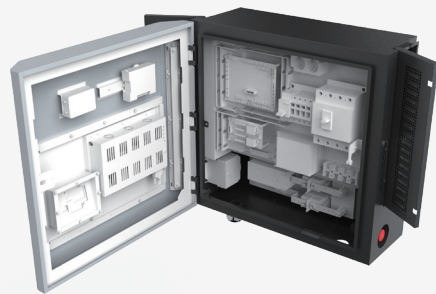
# Specifications

|                 |                                  |                                                                                                                 |
|-----------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| General         | Connector                        | CCS                                                                                                             |
|                 | Communication with EV            | IEC 61851 PLC                                                                                                   |
|                 | Display                          | 12.1" LCD Display, Touch screen                                                                                 |
|                 | Support language                 | English, French, Espanol (Other languages available upon request)                                               |
|                 | Push buttons                     | 1 emergency stop button                                                                                         |
|                 | User authentication              | ISO/IEC 14443 A / B Mifare RFID reader, Credit card reader                                                      |
| Electric        | Input                            | 3Ø4W, 400VAC, 50/60Hz, Max.33kVA (CE Version)<br>3Ø4W, 480VAC, 60Hz, Max.33kVA (UL Version)                     |
|                 | Input   THD                      | < 5%                                                                                                            |
|                 | Output                           | Voltage : 150~1,000VDC(Max)<br>Current : 80A(Max)<br>Max power : 30kW                                           |
|                 | Power factor                     | > 0.98 (Full Scale)                                                                                             |
|                 | Charging mode                    | CC, CV                                                                                                          |
|                 | Voltage accuracy                 | ±1.0% (Full Scale)                                                                                              |
|                 | Current accuracy                 | ±1.0% (Full Scale)                                                                                              |
|                 | Max. efficiency                  | > 95% (at rated voltage, rated current)                                                                         |
|                 | Isolation impedance              | 10MΩ@1,000V                                                                                                     |
|                 |                                  |                                                                                                                 |
| Environment     | Operating temperature            | -30℃ ~ 50℃ (-22°F ~ 122°F with derating)                                                                        |
|                 | Humidity                         | < RH95% (Non-condensing)                                                                                        |
| Communication   | Network interface                | Ethernet, Cellular, WLAN                                                                                        |
|                 | Protocol                         | OCPP1.6J (OCPP 2.0.1 will be supported in 2024)                                                                 |
| Safety standard | Protection                       | Over voltage, Over current, Short-circuit, Over temperature, Earth leakage, Surge protection, Contactor welding |
| Mechanical      | Protection degree                | IP54 (NEMA 3R), IK10                                                                                            |
|                 | Cooling                          | Forced air                                                                                                      |
|                 | Charging cable length (Standard) | 6m (19.7ft) / Adjustable upon request                                                                           |
|                 | Dimension                        | 650(W) x 622.3(H) x 325.1(D) mm (25.6(W) x 24.5(H) x 12.8(D) inch)                                              |
|                 | Weight                           | 91kg (200lb)                                                                                                    |

## Feature highlights



Advanced internal design creates airflow between power modules to solve heat generation problem



Front and side doors can be opened for maintenance



Can also be installed on walls or stand poles (optional)