

# XOVA 480kW Standalone



Our EV charger is thoughtfully designed to be ADA-friendly, featuring an ergonomic usage height that bridges the gap between people and technology

## Specifications

|                          |                               | Unit                        | UL                                                                                                         |
|--------------------------|-------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------|
| AC Input                 | Input Voltage                 | V                           | 3 $\Phi$ _480Vac, $\pm$ 10% (50/60Hz)                                                                      |
|                          | Input Current Rating          | A                           | Nominal: 627                                                                                               |
|                          | Max. Input Power              | kVA                         | 520                                                                                                        |
|                          | Connection/ Power Grid System | -                           | 3P+ N+ PE, TN/TT                                                                                           |
|                          | Power factor                  | X                           | >0.99                                                                                                      |
|                          | Power conversion Efficiency   | %                           | >95%                                                                                                       |
| DC Output                | Output Voltage                | V                           | 950                                                                                                        |
|                          | Simultaneous output           | -                           | Dynamic Distribute                                                                                         |
|                          | Current                       | A                           | CCS liquid cooled 500A, CCS1 air cooled 350A / CCS2 air cooled 300A, NACS 350A / 375A, CHAdeMO 200A / 125A |
| Mechanical               | Dimension (W x D x H)         | mm/inch                     | 32 x 41 x 91 inch                                                                                          |
|                          | Weight(+/-3%)                 | kg/lbs                      | 2205 lbs                                                                                                   |
|                          | Cable length                  | m/ft                        | Standard: 15 ft                                                                                            |
| Environment              | Operating Temperature         | $^{\circ}$ C / $^{\circ}$ F | -22~122 $^{\circ}$ F                                                                                       |
|                          | Humidity                      | %                           | 5~95%                                                                                                      |
|                          | Altitude                      | m/ft                        | 6561ft                                                                                                     |
| Compliance               | IP/IK ratings                 | -                           | NEMA 3R   IK10 (HMI IK8)                                                                                   |
|                          | EMC/EMI                       | -                           | FCC Part 15 Subpart B ICES-003                                                                             |
|                          | Safety                        | -                           | UL 2202<br>UL 2231                                                                                         |
| Protection               | Input                         | -                           | OVP, UVP, OCP, OPP, OTP, SPD                                                                               |
|                          | Output                        | -                           | OCP, SCP, OVP, LVP, OTP, IMD                                                                               |
| User Interface & Control | Backend Support               | -                           | OCPP 1.6 JSON, OCPP 2.0.1 core profile<br>*Simultaneously connect to client & maintenance server           |
|                          | Display                       | inch                        | 21.5 & 7                                                                                                   |
|                          | User Authentication           | -                           | QR code, RFID, Payment Card (Optional)                                                                     |
| Communication            | External                      | -                           | 4G/ Wi-Fi/ Ethernet (RJ45)<br>*Option: Wi-Fi or dual 4G                                                    |