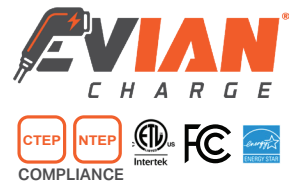


# EV-480 180kW 32" Screen



The **EV-480 180kW (32" Screen)** stands at the forefront of our standard product line, offering advanced AC and DC Fast Charging solutions designed to meet the evolving demands of electric mobility. Backed by a state-of-the-art in-house Research and Development team, the EVCharge 480 180kW (32" Screen) is engineered with flexibility and innovation in mind, ensuring it can address any specific customer requirement. From customizable hardware options and multiple country connector combinations to CE or UL certification variants, the EVCharge 480 180kW (32" Screen) delivers reliable, future-ready charging technology tailored to your exact needs.

## Features

- 32" Screen for Advertisements
- DCFC with 1000VDC
- Powerful Compact All-In-One Charger
- Simple Air-Cooled Power Modules
- Easy to Maintain
- Parallel Charging Feature
- OCPP 1.6 – upgradable to OCPP 2.0
- Cord Management
- Credit Card Reader



### Dependable Safety

Rigorous safety protocols for enhanced protection.



### Rapid Charging

Fast and Efficient Energy Replenishment



### Whisper-Quiet Operation

Silent Performance for a Peaceful Environment



### Massive Capacity

High Storage Capability for Extensive Use



### Robust Performance

Reliable and Consistent Efficiency in All Conditions

# EV-480 180kW



Product #

TP5-180-480-32" SCREEN

|                                     |                                                                                                            |
|-------------------------------------|------------------------------------------------------------------------------------------------------------|
| Model #                             | TP-ICONIC-180kW                                                                                            |
| Input Voltage                       | 480VAC, 60Hz 3P+N+PE (Wye configuration), TN/TT                                                            |
| Output Voltage                      | 150-1000 VDC                                                                                               |
| FLA    Breaker Rating               | 240A    300A                                                                                               |
| Power Factor                        | >0.98                                                                                                      |
| Efficiency                          | >94% at nominal output power                                                                               |
| Connector Options                   | CCS1 & CCS1 , CCS1 & NACS NACS & NACS, CCS1 & CHAdeMO                                                      |
| CHAdeMO Cable                       | 125A (Standard) Or 200A                                                                                    |
| CCS / NACS Cable                    | 350A / 300A                                                                                                |
| Charging Protocol Standards         | IEC-61851, ISO-15118, DIN 70121, ISO-15118-3, ISO-15118-2 (Hardware Compatible) ; Mode 4, CHAdeMO 0.9, 1.0 |
| Connector cable length              | CCS - 16ft (5m) - NACS - 9.8 ft (3m) [16ft (5m) Optional] - CHAdeMO - 16ft (5m)                            |
| Cable Management                    | Included                                                                                                   |
| Weight                              | 992 lbs (450kg)                                                                                            |
| Dimensions (L x D x H)              | 39.96"x 29.73"x 81.11" (1015x755x2060mm)                                                                   |
| Insulation (input - output)         | >2.5 kV                                                                                                    |
| Ingress Protection                  | NEMA 3R (IP54), IK10                                                                                       |
| Operating Temperature               | -4°F to 122°F (-20°C to 50°C )                                                                             |
| Altitude                            | < 6600ft (2000m)                                                                                           |
| Working    Storage Humidity         | ≤ 95% RH    ≤ 99% RH (Non-condensing)                                                                      |
| Display                             | 32" screen for Advertisements<br>10" touch screen for Charging Information                                 |
| Communication    Protocol           | Ethernet, 4G/WiFi    OCPP 1.6J & OCPP 2.0.1                                                                |
| Access Control                      | RFID : ISO/IEC 14443A/B   Credit Card Reader (Optional)                                                    |
| Metering                            | DC kWh meter per each connector                                                                            |
| Power Electronics Cooling           | Air Cooled                                                                                                 |
| Electrical Safety: GFCI             | RCD 20 mATypeA                                                                                             |
| Electrical Safety: Surge Protection | 20 kA                                                                                                      |
| Electrical Safety General           | Over Voltage, Under Voltage, Over Current, Missing Ground (Optional)                                       |
| Electrical Safety: Output           | Short Circuit Protection, Insulation Protection                                                            |
| Electrical Safety Temperature       | Temperature Sensors @ Charge Coupler and Power Electronics                                                 |
| Emergency Stop                      | Disables output power with emergency stop button                                                           |
| Regulatory Compliance               | (UL-2202    EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012)                                     |
|                                     |                                                                                                            |