

## 300kW DCFC TP-EVPD-300kW



**CHARGE TRONIX**

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| Product Number                      | HPC-300-480                                                          |
|-------------------------------------|----------------------------------------------------------------------|
| Maximum Power                       | 300kW                                                                |
| Output Voltage                      | 150-1000 VDC                                                         |
| Max Output Current                  | Up to 500A                                                           |
| Input Voltage    Frequency          | 480V (3P + N + PE)    60Hz                                           |
| Input Current    Breaker Rating     | 400A    500A                                                         |
| Power Factor                        | >0.98                                                                |
| Efficiency                          | >94% at nominal power output                                         |
| Connector Options                   | CCS1 and CCS1    CCS1 and CHAdeMO                                    |
| CCS Cable                           | 500A Liquid Cooled                                                   |
| CHAdeMO Cable                       | 125A (Standard) or 200A                                              |
| Cycle Mode                          | 1 x 300kW (Max: 500A)                                                |
| Parallel Mode                       | 2 x 150kW (Max: 350A)                                                |
| Charging Protocol Standards         | Mode 4, IEC-61851, ISO-15118, DIN 70121    Mode 4, CHAdeMO 0.9, 1.0  |
| Connector Cable Length              | CCS - 13ft (4m)    CHAdeMO - 16ft (5m), cable management included    |
| Weight                              | 1628 lbs. (740kg)                                                    |
| Dimension (L x D x H)               | 41.38" x 37.4" x 100"                                                |
| Insulation (input — output)         | >2.5 kV                                                              |
| Ingress Protection                  | NEMA 3S (IP54), IK10                                                 |
| Altitude                            | <6,600ft (2,000m)                                                    |
| Operating Temperature               | -30°C to 55°C (-22°F to 131°F)                                       |
| Working    Storage Humidity         | ≤ 95% RH    ≤ 99% RH (Non-condensing)                                |
| Display                             | 10" LCD touch screen                                                 |
| Communication Protocol              | OCPP 1.6J                                                            |
| Access Control                      | RFID: ISO/IEC 14443A/B    Credit Card Reader Optional                |
| Power Electronics Cooling           | Air cooling fans                                                     |
| Regulatory Compliance               | UL-2202    EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012 |
| Communication Protocol              | Ethernet, 4G/Wi-Fi                                                   |
| Electrical Safety: GFCI             | RCD 20 mA Type A                                                     |
| Electrical Safety: Surge Protection | 20 kA                                                                |
| Electrical Safety: General          | Over Voltage, Under Voltage, Over Current, Missing Ground            |
| Electrical Safety: Output Short     | Output power disabled when output is short circuited                 |
| Electrical Safety Temperature       | Temperature Sensors @ Charge Coupler and Power Electronics           |
| Emergency Stop                      | Disables output power with emergency stop button                     |
| Metering                            | DC kWh meter per each connector                                      |