

# GreenFlow DC Charger

Coming Soon

Three Phase / Floor Mounted / 240 kW / 480 kW



Dual-connector Supports Simultaneous High-power Charging



Dual Anti-rust Performance with Galvanized Steel and Specially Painted Coating in the Bottom Base



IP65 Rating Supports Operations in Harsh Environments



Multiple Protection in Real-time Operation



| CATEGORY                     | CDA24D   | CDA48D  |
|------------------------------|--|---|
| <b>General Info</b>          |  |   |
| Dimensions (W x H x D)       | 850 × 2200 × 650 mm  | 850 × 2200 × 850 mm   |
| Cable Length                 | 5 M (7 M is optional)  |   |
| <b>Input Performance</b>     |  |   |
| Power Supply                 | L1+L2+L3+PE+N  |   |
| Rated Voltage                | 400 Vac ±10%   |   |
| Frequency                    | 45 ~ 65 Hz   |   |
| <b>Output Performance</b>    |  |   |
| Output Voltage               | 150 ~ 1000 Vdc   |   |
| Output Current               | Rated 380 A (boost 500 A)  | Air cooling: Rated 380 A (boost 500 A)<br>Liquid cooling: Rated 500 A (boost 650 A) |
| Rated Power                  | 240 kW   | 480 kW  |
| Charging Module              | 40 kW * 6 pcs  | 40 kW * 12 pcs  |
| Connector Type               | CCS2+CCS2  |   |
| <b>HMI</b>                   |  |   |
| LED Indicator                | RGB LED  |   |
| LCD Display                  | 15.6" display with 4 buttons   |   |
| Emergency Stop               | Yes  |   |
| <b>Communication</b>         |  |   |
| Payment Method               | RFID Card / QR Code / POS Terminal   |   |
| PLC Communication            | DIN70121 and ISO15118  |   |
| Ethernet                     | Yes  |   |
| 4G                           | Optional   |   |
| Ocpp                         | Ocpp 1.6 J   |   |
| <b>Electrical Parameters</b> |  |   |
| Efficiency                   | Max 96%  |   |
| Load and Charging Management | Smart and dynamic allocation of power modules and distribution of charging power to connector  |   |
| THD                          | ≤ 5% (100% load)   |   |
| Power Factor                 | ≥ 0.99 (50% ~ 100% load)   |   |
| Ripple Factor                | ≤ ±1%  |   |
| Noise Emission               | ≤ 65 dB  |   |
| EMC Compliance               | Class A  |   |
| <b>Safety</b>                |  |   |
| Energy Meter                 | Class B (±1% accuracy) with MID certified  |   |
| Protection Rating            | IP54   |   |
| Impact Resistance            | IK10   |   |
| Electrical Protection        | Over voltage protection, under voltage protection, overload protection, short circuit protection, open circuit protection, leakage protection, grounding protection, over temperature protection, lightning protection |   |
| <b>Working Environment</b>   |  |   |
| Installation                 | Floor mounted on plinth or base  |   |
| Working Temperature          | -30°C ~ +75°C<br>(full power output below 55°C; power derates above 55°C; system will shutdown above 75°C)   |   |
| Storage Temperature          | -40°C ~ +80°C  |   |
| Humidity                     | 5% ~ 95%   |   |
| Altitude                     | ≤ 2000 m   |   |