



**GREEN ENERGY  
READILY AVAILABLE**

## KEY FEATURES AND BENEFITS

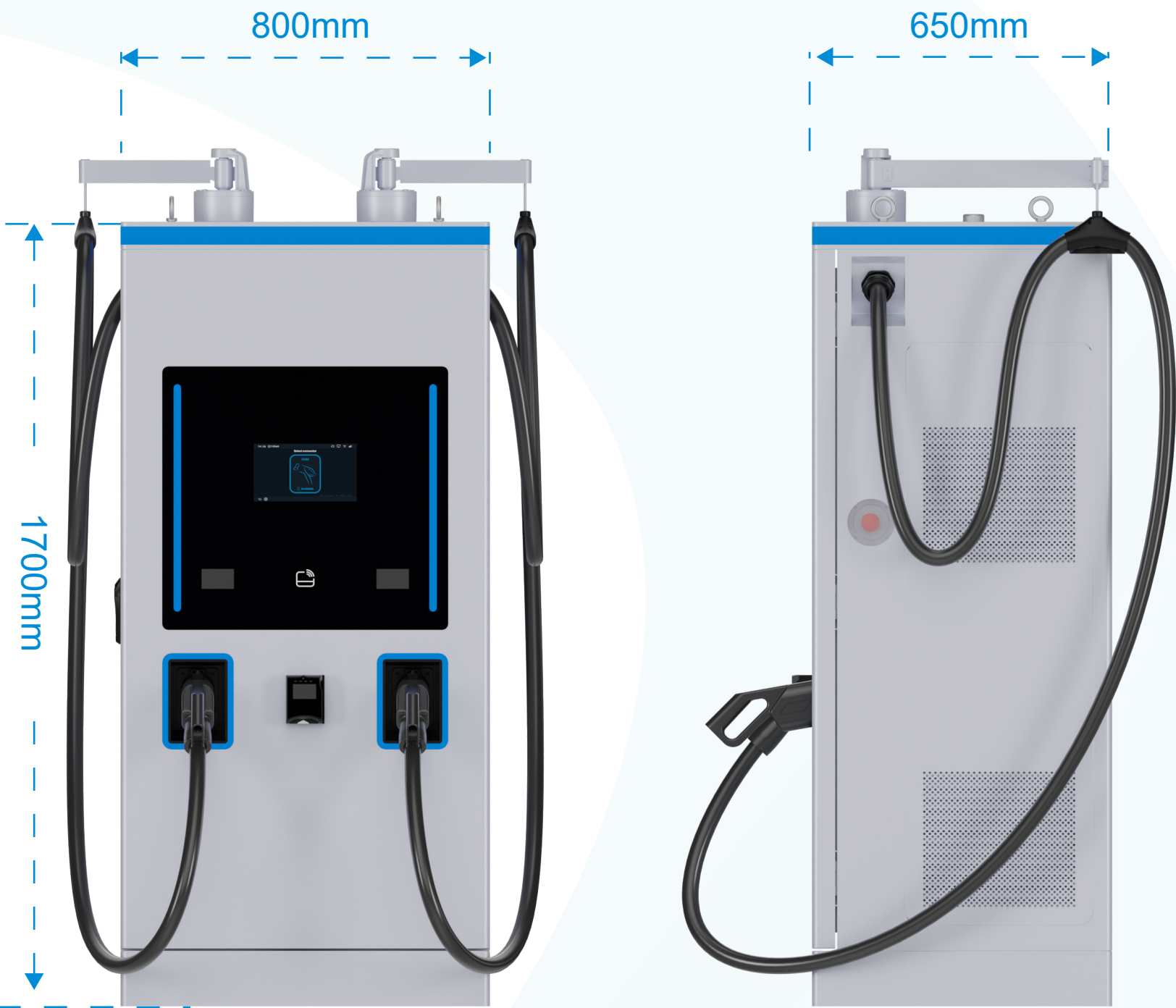
- A compact, all-in-one charger from 60 kW to 160 kW
- Load balancing for 0/160kW, 40/120kW, 80/80kW, 120/40kW, 160/0kW
- Manages the charger by OCPP1.6 & 2.0.1 function
- Flexible configurations include CCS2 dual and CCS+GB/T-dual outlets
- DIN70121、ISO 15118 Plug & Charge
- 24/7/365 remote monitoring and diagnostic
- IP55 protection
- 96% Charging Efficiency (peak)

### APPLICATIONS

- |                                                                                                     |                                                                                                      |                                                                                                |
|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <br>Commercial | <br>Gas Station | <br>Fleet |
| <br>Parking    | <br>Logistics   |                                                                                                |



SPECIFICATIONS



CERTIFICATION



EVD003

| MODEL NO.             |                             | EVD003/60E                                            | EVD003/80E          | EVD003/120E    | EVD003/160E    |
|-----------------------|-----------------------------|-------------------------------------------------------|---------------------|----------------|----------------|
| AC INPUT              | AC Connection               | 3-Phase, L1, L2, L3, N, PE                            |                     |                |                |
|                       | Input Voltage Range         | 400Vac±15%                                            |                     |                |                |
|                       | Input Frequency             | 50 Hz or 60 Hz                                        |                     |                |                |
|                       | AC Input Power              | 92 A, 65 kVA                                          | 124 A, 87 kVA       | 186 A, 130 kVA | 248 A, 174 kVA |
|                       | Power Factor (Full Load)    | ≥ 0.99                                                |                     |                |                |
| DC OUTPUT             | Maximum Power               | 60 kW                                                 | 80 kW               | 120 kW         | 160 kW         |
|                       | Charging Outlet             | 2*CCS2 cable / 1*CCS2 cable+1*GBT cable               |                     |                |                |
|                       | Cable Maximum Current       | 200A                                                  | 250A/300A(Optional) |                |                |
|                       | Cooling method              | Air-cool                                              |                     |                |                |
|                       | Cable Length                | 4.5M / 7M(Optional)                                   |                     |                |                |
|                       | DC Output Voltage           | 200-1000 Vdc ( Constant power from 300-1000Vdc)       |                     |                |                |
|                       | Efficiency (peak)           | ≥ 96%                                                 |                     |                |                |
| USER INTERFACE        | User Interface              | 10" LCD high-contrast touchscreen                     |                     |                |                |
|                       | Language System             | English / French / Spanish                            |                     |                |                |
|                       | Authentification            | Plug & Play / RFID / QR code / Credit Card (Optional) |                     |                |                |
|                       | Emergency Button            | Yes                                                   |                     |                |                |
|                       | Internet Connectivity       | Ethernet, 4G, Wi-Fi                                   |                     |                |                |
| LIGHT CODES           | Standby                     | Solid Green                                           |                     |                |                |
|                       | Charging In Progress        | Blue Breathing                                        |                     |                |                |
|                       | Finished / Stopped Charging | Solid Blue                                            |                     |                |                |
|                       | Reservation Charging        | Solid Yellow                                          |                     |                |                |
|                       | Device Unavailable          | Yellow Blinking                                       |                     |                |                |
|                       | OTA                         | Yellow Breathing                                      |                     |                |                |
|                       | Fault                       | Solid Red                                             |                     |                |                |
| ENVIRONMENTAL         | Operating Temperature       | -25 °C to + 50°C                                      |                     |                |                |
|                       | Storage Temperature         | -40 °C to +70 °C                                      |                     |                |                |
|                       | Humidity                    | < 95%, non-condensing                                 |                     |                |                |
|                       | Operating Altitude          | Up to 2000 m                                          |                     |                |                |
| ACCORDING TO STANDARD | Safety                      | IEC 61851-1, IEC 61851-23                             |                     |                |                |
|                       | EMC                         | IEC 61851-21-2                                        |                     |                |                |
|                       | EV Communication            | IEC 61851-24、 GB/T27930、 DIN 70121 & ISO15118-2       |                     |                |                |
|                       | Backend support             | OCPP1.6 & OCPP2.0.1                                   |                     |                |                |
|                       | DC connetor                 | IEC 62196-3、 GB/T 20234.3                             |                     |                |                |
|                       | RFID Authentication         | ISO 14443 A/B                                         |                     |                |                |



**35000m<sup>2</sup>**  
Factory Size



**200+**  
Total Employees



**120+**  
Certifications & Patents



**OCPP2.0.1**  
**ISO15118**

**Joint**  
@ Sustainable Energy

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SUSTAINABLE  
ENERGY