# Electree Cypress
## 120-160kW Super-Fast Charging Station

## Product Description

Designed for the European market, this product has more powerful data calculation and processing capacity, smarter dispatching strategy, better heat dissipation performance and lower noise, and fully meets the requirements of high-power DC charging of vehicles with European and Japanese standard DC interface.

The product has multiple protection design and active protective function, which can monitor all communication data in the charging process and give early warning to all kinds of abnormal charging to ensure the safety of users and vehicles.

## Application Scenarios

- Taxi,online-hailing cars
- Bus
- Public charging station
- Residence community
- Customized shuttle bus
- Freight vehicles Special vehicles
- Enterprises and institutions
- Commercial complex

| Item | Parameters | | |
|---|---|---|---|
| **Basic index** | | | |
| Model | YLUXD120KE | YLUXD150KE | YLUXD160KE |
| Rated power | 120kW | 150kW | 160kW |
| Dimensions (WxDxH) | 850x610x2000mm | | |
| Weight (KG) | ≤330KG(N.W.) / ≤400KG(G.W.) | | |
| Charging outlet | CCS2 / CHAdeMO(optional) , length: 5m/6m/7m/10m(optional) | | |
| HMI | 10.1'' LCD touch screen | | |
| Energy meter | MID | | |
| Installation | Ground mounted | | |
| **Payment** | | | |
| Payment mode | RFID Card/POS/ Scan QR code (optional) | | |
| **Input** | | | |
| Input voltage | 400VAC±10%,3P+N+PE | | |
| Frequency | 50Hz | | |
| Power factor | ＞0.98(over half load) | | |
| ITHD | ＜5% | | |
| **Output** | | | |
| Voltage | 200-1000Vdc | | |
| Current | CCS2 200A max.<br>CHAdeMO 125A max. | | |
| Power | CCS2 120kW max.<br>CHAdeMO 62.5kW max. | CCS2 150kW max.<br>CHAdeMO 62.5kW max. | CCS2 160kW max.<br>CHAdeMO 62.5kW max. |
| Max efficiency | ＞95% | | |
| Charging way | Meantime | | |
| **Environment** | | | |
| Operating temperature | −30 ~ +50°C | | |
| Humidity | 5%~95%RH, non-condensing | | |
| Altitude | ≤2000m no derating required;>2000m,the working temperature decreases by 1°C for every 100m rise | | |
| Protection Grade | IP54 | | |
| Application Site | Indoor/Outdoor | | |
| Cooling method | Intelligent air cooling | | |
| Noise | ≦60dB | | |
| **Standards & certifications** | | | |
| EVSE | PLC (DIN 70121: 2014-12 / ISO15118) | | |
| Back-end protocol | OCPP 1.6 / OCPP 2.0 (upgradeable) | | |
| Certification | CE & CB & UKCA & TR25&ADQCC&RCM | | |