Electree Maple
50-80kW DC 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	YLUXD50KE	YLUXD60KE	YLUXD80KE
Rated power	50kW	60kW	80kW
Dimensions (WxDxH)	800x550x1800mm		
Weight (KG)	≤250KG(N.W.) / ≤300KG(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 167A max. CHAdeMO 125A max.	CCS2 200A max. CHAdeMO 125A max.	CCS2 200A max. CHAdeMO 125A max.
Power	CCS2 50kW max. CHAdeMO 50kW max.	CCS2 60kW max. CHAdeMO 60kW max.	CCS2 80kW max. 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	≦55dB		
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		