

Electree Oak

180-240kW Ultra-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	YLUXD180KE	YLUXD240KE
Rated power	180kW	240kW
Dimensions (WxDxH)	850x800x2000mm	
Weight (KG)	≤450KG(N.W.) / ≤550KG(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)
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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 300A max. CHAdeMO 125A max.	
Power	CCS2 180kW max. CHAdeMO 62.5kW max.	CCS2 240kW 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	≤65dB

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