

Oak

180-240kW DC Ultra-fast Charger

CE CB UK TR25 AD RoHS

Product description

Tailored for the global market, this product boasts enhanced data processing capabilities and a more sophisticated dispatching strategy. It seamlessly integrates with high-power charging systems for vehicles featuring CCS/CHAdeMO/GBT interfaces. Utilizing precise control algorithms and thermal simulations, it significantly reduces charging system noise. Furthermore, it offers compatibility with 99.9% of electric vehicle models, catering to the charging requirements of diverse electric vehicles.

- Supports remote fault diagnosis and controller OTA upgrade.
- DC output range of 200-1000V, system power coverage range of 30-400kW, suitable for a wide range of electric vehicles.
- Excellent high temperature performance, ensure full load operation and fast charging.
- Multiple protection design to ensure the safety of drivers and vehicles.
- Intelligent HMI, support a variety of communication interfaces, easy to operate.
- Multi-region linkage sampling ensures comprehensive data collection across diverse environments, safeguarding system integrity and performance.



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)	850x800x2200mm	
Weight (KG)	450KG	
Charging outlet	CCS/CHAdeMO/GBT, length: 5m (customized)	
HMI	10.1-inch color touch screen	
Energy meter	MID	
Installation	Ground mounted	
Payment		
Payment mode	RFID/Credit Card/Scan QR code (optional)	
Input		
Voltage	400VAC±10%,3P+N+PE	
Frequency	45Hz-65Hz	
Current	276A	368A
Power factor	≥0.99	
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	Fan cooling	
Noise (lab environment)	≤65dB	
Standards & certifications		
EVSE	PLC (DIN 70121: 2014-12 / ISO15118)	
Back-end protocol	Ethernet, 4G, OCPP 1.6J	
Certification	CE & CB & UKCA & TR25&ADQCC&RCM	