

Oak

180-240kW DC Ultra-fast Charger

CE CB UKCA

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	IP55		
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		