

Maple

50-80kW DC 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	YLUXD50KE	YLUXD60KE		YLUXD80KE
Rated power	50kW	60kW		80kW
Dimensions (WxDxH)	800x500x2000mm			
Weight (KG)	≤250KG			
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	77A	92A	123A	
Power factor	≥0.99			
ITHD	≤5%			
Output				
Voltage	200-1000Vdc			
Current	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℃			
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)	≤55dB			
Standards & certifications				
EVSE	PLC (DIN 70121: 2014-12 / ISO15118)			
Back-end protocol	Ethernet, 4G, OCPP 1.6J			
Certification	CE & CB & UKCA & TR25&ADQCC&RCM			