Maple

50-80kW DC Fast Charger

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°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)	≦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		