Sequoia

320-400kW DC Supergiant 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	YLUXD320KE	YLUXD400KE
	Rated power	320kW	400kW
	Dimensions (WxDxH)	850×900×2350mm	
	Weight (KG)	730KG	
	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	45-65Hz	
	Current	491A	614A
	Power factor	⩾0.99	
	ITHD	⩽5%	
Output			
	Voltage	200-1000Vdc	
	Current	CCS2 300A max. CHAdeMO 125A max.	
	Power	CCS2 320kW max. CHAdeMO 62.5kW max.	CCS2 400kW 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)	⩽70dB	
Standards & certifications			
	EVSE	PLC (DIN 70121: 2014-12 / ISO15118)	
	Back-end protocol	Ethernet, 4G, OCPP 1.6J	