

Cactus

30-40kW DC Charger

CE CB UK TR25









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

-  Hotel
-  Supermarket
-  Public charging station
-  Residence community
-  Shopping center
-  Restaurant
-  Enterprises and institutions
-  Industrial park

Item	Parameters	
Basic index		
Model	YLUXD30KE	YLUXD40KE
Rated power	30kW	40kW
Dimensions (WxDxH)	Charger: 750*300*750mm Pedestal: 555*350*1053mm	
Weight (KG)	180KG	
Charging outlet	CCS/CHAdeMO/GBT, length: 5m (customized)	
HMI	7-inch color screen	
Energy metering	DC metering/ MID AC metering (optional)	
Installation	Ground mounted (optional)	
Payment		
Payment mode	RFID/Credit Card/Scan QR code (optional)	
Input		
Voltage	400VAC ±10%, 3P+N+PE	
Frequency	45Hz-65Hz	
Current	46A	61A
Power factor	≥0.99	
ITHD	≤5%	
Output		
Voltage	200-1000Vdc	
Current	100A	133A
Power	30kW max.	40kW max.
Max efficiency	>95%	
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	