

## 60-400kW DC Charger (Low Noise)









### Product Description

YLCED series high performance integrated charging station aiming at the problem of the noise, adopted with the folding space division design to effectively reduce the system noise and make the product better adapt to the residential areas, office areas and other application scenarios.

- Folding space division design, reduce noise effectively.
- Main platforms are fully compatible, more than 60 platforms have been accessed, support one-click switching platforms without program updating.
- Supports remote fault diagnosis, OTA upgrade for controllers, etc.
- Support multiple payment methods.
- Glue filling/non-glue filling modules available to provide more options for all charging scenarios.
- DC output range of 200-1000V, system power capacity ranging from 60 to 400 kW, suitable for a wide range of electric vehicles.
- Support two cables charging simultaneously and cross-charger charging simultaneously, with a maximum capacity of two chargers (four cables) charging a single vehicle.
- Excellent high temperature performance, ensure full load operation and fast charging.
- 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					
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#### Basic index

Model	YLCED80K		YLCED160K		YLCED240K	YLCED400K
Rated power	60kW	80kW	120kW	160kW	240kW	400kW
Qty of connector	2					
Cooling method	Fan cooling					
Network type	Ethernet/4G					
Operating environment	Indoor or outdoor (IP54)					
Dimensions (WxDxH)	750x400x1700mm		800x550x1880mm		800x650x1880mm	850x780x1880mm
Weight (KG)	200	210	280	300	370	500

#### Input

Input voltage	380VAC ± 15%, 3P+N+PE					
Frequency	45Hz-65Hz					
Rated input current	97A	129A	194A	259A	387A	644A
power factor	≥ 0.99					
ITHD	≤ 5%					

#### Output

Voltage range	200-1000Vdc					
Constant power range	300-1000Vdc					
Max current per connector	200A	250A				
Max efficiency	> 95%					
Output voltage error	≤ ± 0.5%					
Output current error	≤ ± 1%					
Voltage stabilized accuracy	≤ ± 0.5%					
Current stabilized accuracy	≤ ± 1%					
Peak-peak ripple	≤ ± 1%					

#### Environment

Operating temperature	-20 ~ +50°C					
Storage temperature	-40 ~ +80°C					
Humidity	5~95%RH, non-condensing					
Altitude	≤ 2000m no derating required; > 2000m, the working temperature decreases by 1°C for every 100m rise					