

YLCED60K---YLCED400K (Noise Reduction Version)

Product Description

This product contains a touch screen, a card reader, a power metering module, a charging module, a communication module, a charging interface, a control module, and a pile shell. The charging cable supports multiple protection functions, with dual input and output safety protection measures.

The user-friendly interface display, control, and guidance functions allow customers to conveniently complete the charging process. Various communication interfaces are provided to support real-time communication with the monitoring center and real-time charging monitoring.



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	YLCED60K	YLCED80K	YLCED120K	YLCED160K	YLCED240K	YLCED400K
Rated power	60kW	80kW	120kW	160kW	240kW	400kW
Qty of connector	2					
Cooling method	Forced air cooling					
Network type	Ethernet/4G					
Operating environment	Indoor or outdoor (IP54)					
Dimensions (WxDxH)	750x450x1700mm		800x550x1880mm		800x650x1880mm	850x780x1880mm
Weight (KG)	200	210	280	300	370	500

Input

Input voltage	380VAC \pm 15%, 3P+N+PE					
Frequency	45Hz-65Hz					
Rated input current	97A	129A	194A	259A	387A	644A
power factor	\geq 0.99(over half load)					
ITHD	\leq 5%					

Output

Voltage range	200-1000Vdc					
Constant power range	300-1000Vdc					
Max current per connector	200A	250A				
Max efficiency	$>$ 95%(over half load)					
Output voltage error	\leq \pm 0.5%					
Output current error	\geq 30A, \leq \pm 1%; $<$ 30A, \leq \pm 0.3A					
Voltage stabilized accuracy	\leq \pm 0.5%					
Current stabilized accuracy	\leq \pm 1%					
Peak-peak ripple	\leq \pm 1%					

Environment

Operating temperature	-20 ~ +50°C
Storage temperature	-40 ~ +80°C
Humidity	5~90%RH, non-condensing
Altitude	\leq 2000m no derating required; $>$ 2000m, the working temperature decreases by 1 °C for every 100m rise