

YLCED40K---YLCED160K (Standard 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	YLCED40K	YLCED60K	YLCED80K	YLCED120K	YLCED160K
Rated power	40kW	60kW	80kW	120kW	160kW
Qty of connector	1	2			
Cooling method	Forced air cooling				
Network type	Ethernet/4G				
Operating environment	Indoor or outdoor (IP54)				
Dimensions (WxDxH)	500x260x700mm (UXR100040)	700mmx400mmx1630mm (NXR75030H/NXR1K020H)		700x450x1730mm (NXR75030H) /750x460x1750mm (UXR100040、NXR100020)	
Weight (KG)	100	200	210	260	280

Input

Input voltage	380VAC \pm 15%, 3P+N+PE				
Frequency	45Hz-65Hz				
Rated input current	64A	97A	129A	194A	259A
power factor	\geq 0.99(over half load)				
ITHD	\leq 5%				

Output

Voltage range	200-1000Vdc	200-750Vdc / 200-1000Vdc		200-750Vdc/200-1000Vdc	
Constant power range	300-1000Vdc	400-750Vdc / 300-1000Vdc		400-750Vdc/300-1000Vdc	
Max current per connector	133A	150A/200A	150A/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