

30-400kW DC Charger


Product Description

YLCED series charging station covers 30kW-400kW, It is a new series of product that is developed by Winline's many years of research and development and operation experience, highly inclusive and reliable. The charging system supports seamless switching between glue filling and non-glue technologies, providing "time-saving, power-saving and with no worries" products for all charging scenario.

- Main platforms are fully compatible, more than 60 platforms have been accessed, support one-click switching platforms without program updating.
- Support remote fault diagnosis and controller OTA upgrade.
- Support CCS1/ CCS2/ CHAdeMO/GBT connectors.
- Support various payment method.
- DC output range of 200-1000V, system power coverage range of 30-400kW, 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	YLCED40K	YLCED60K	YLCED80K	YLCED120K	YLCED160K	YLCED240K	YLCED320K	YLCED400K
Rated power	40kW(30kW)	60kW	80kW	120kW	160kW	240kW	320kW	400kW
Qty of connector	1	2						
Cooling method	Fan cooling							
HMI	7-inch color screen							
Network type	Ethernet/4G							
Payment mode	VIN/RFID/Plug&Charge/Credit Card/Scan QR code/Manual (optional)							
Dimensions (WxDxH)	500x390x1600mm (UXR100040)	700x400x1630mm (NXR75030H/NXR1K020H)	700x450x1730mm (NXR75030H/NXR1K020H) / 750x460x1750mm (UXR100040/NXR100020)			750x580x1750mm (UXR100040)	750x550x1900mm (UXR100040)	800x700x1900mm (UXR100040)
Weight (KG)	100	200	220	270	290	340	390	490

Input

Voltage	380VAC±15%,3P+N+PE							
Frequency	45Hz-65Hz							
Current	64A	97A	129 A	194 A	259 A	387A	516A	644A
Power factor	≥0.99							
ITHD	≤5%							

Output

Voltage range	200-1000Vdc	200-750Vdc / 200-1000Vdc			200-1000Vdc			
Constant power range	300-1000Vdc	400-750Vdc / 300-1000Vdc			300-1000Vdc			
Max current per connector	133A	150A/200A	200A/250A	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							
Operating environment	Indoor or outdoor (IP54)							
Humidity	5~95%RH,non-condensing							
Altitude	2000m no derating required;>2000m,the working temperature decreases by 1°C for every 100m rise							