

360-720kW Split Type DC Fast Charger

Product Description

YLUXS series split type charging station covers 360kW~720kW, 6~16 terminals are covered for the output, the system adopts star-ring to separate modules, intelligent scheduling of each module for improving charging power utilization.

- 40KW CLASS B modules in power cabinet.
- Comply with IEC standards.
- Optional CCS/CHAdeMO/GBT interfaces.
- Dynamic star-ring power distribution, Intelligent scheduling of each module for charging.
- Excellent appearance and humanized design, making product easier to use.



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 Cabinet parameters

Basic index

Model	YLUXS360KE	YLUXS480KE	YLUXS720KE
Rated power(kW)	360	480	720
Max number of access terminals	8	12	16
Cooling method	Fan cooling		
Dimensions (WxDxH)	1100X750X2000mm	1450X750X2050mm	2220X750X2050mm
Weight (KG)	630	780	1260

Input

Voltage	400VAC ± 10%, 3P+N+PE		
Frequency	45Hz-65Hz		
Rated current	553A	737A	1105A
Power factor	≥ 0.99		
ITHD	≤ 5%		

Output

Output voltage	200-1000Vdc		
Constant power range	300-1000Vdc		
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		

Item Terminal parameters

Basic index	Model	YLUXT300KE	YLUXT300KEJ	YLUXT300KEU
	Rated power	300kW		
	Max number of plug	2		
	HMI	7-inch color screen		
	Back-end protocol	Ethernet, 4G, OCPP 1.6J		
	EVSE	PLC (DIN70121:2014-12/ISO15118)		
	Start-up method	RFID/Credit Card/Scan QR code (optional)		
	Certification	CE to be certified		
	Dimensions (WxDxH)	570X540X1950mm		
	Weight (KG)	150		

Output	Output voltage	200-1000Vdc		
	Constant power range	300-1000Vdc		
	Plug type	CCS2+CCS2	CCS2+CHAdeMO	CCS2+CCS1
	Max current per plug	CCS2: 300A	CCS2: 300A CHAdeMO: 125A	CCS2: 300A CCS1: 300A
	Energy metering	DC metering (CE)		
	Cable length	5m (customized)		
	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	-30 ~ +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		