

Electric Vehicle Charging Station LDC001 Series



HPC240/320/400/480_EU_All In One



- Comply with the ISO15118/DIN70121 charging protocol standards.
- Support OCPP1.6J version.
- Main components are CE certified.
- Support Dynamic Load Balancing(DLB) Function.
- 10.1inch LCD touch-screen and 21.5inch Advertising screen.
- Support RFID and POS machine payment (OPT).
- Support APP control.
- Cable management system.



Officials Commercial Center Public Transport

Product Specifications

Product Information				
Model Name	LDC001C2120C2120-NC	LDC001C2160C2160-NC	LDC001C2200C2200-NC	LDC001C2240C2240-NC
NC:Natural Cooling	LDC001C2120C2120-LC	LDC001C2160C2160-LC	LDC001C2200C2200-LC	LDC001C2240C2240-LC
LC:Liquid Cooling				
Input voltage	400VAC±10%, 50/60Hz,3Phase+N+PE(Compatible IT systems)			
Input Rating	252kW	337kW	421kW	505kW
Input Current	384A	512A	640A	768A
Output voltage	150~1000VDC			
Output Rating	240kW	320kW	400kW	480kW
Output Current (Natural Cooling and Liquid Cooling)	300A+300A(MAX) 500A+500A(MAX)	300A+300A(MAX) 500A+500A(MAX)	300A+300A(MAX) 500A+500A(MAX)	300A+300A(MAX) 500A+500A(MAX)
Stand-by Power	<50W/Outlet			
Charging Outlets	DC : Double Outlets (CCS2+CCS2) Bottom Inlet Wiring, Up Outlet Wiring			
Efficiency	≥94.5%			
Power Factor	≥0.99(Load:100%)			
Protection	Over/Under Voltage Protection, Overload Protection, Current leakage Protection, Lightening Surge Protection,Over Temperature Protection,Communication Interference Interruption Protection and Reset.			
Earth Leakage Protection	Type A 30mA			
Special Protection	Anti-UV Protection			
Measuring Accuracy	Class 1.0			
User Interface				
Connectivity	Ethernet, WIFI, 4G			
User Authentication	APP or RFID Card,POS Machine(OPT)			
User Interface	10.1 Inch LCD Touch Screen/21.5 Inch Advertising screen/Emergency Stop Button/LED Indicator			
Platform Protocol	OCPP1.6J			
Software update	OCPP			
General Characteristics				
IP&IK	IP55/IK10(Screen IK08)			
Operating Altitude	<2000m			
Operating Temperature	-30°C~+50°C (Derating above 50°C)			
Working Humidity	5%~95% Without Condensation			
Cooling	Forced-air Cooling			
Mounting	Floor Stand			
Dimensions	H2090*W815*D790			
Weight	600-800kg			
Cable Length	≥5m			
Shell Material	Sheet Metal			
Certification and Standards				
Charging standard	IEC61851-1 ; IEC61851-21-2 ; IEC61851-23 ; IEC61851-24 ;			
Communication protocol standards	ISO15118-1-2013 ISO15118-2-2014; ISO 15118-3:2015; DIN 70121-2014			

Natural Cooling

Area	Rated power	Product name	Product model	Module Qty.	DC Plug A	Maximum power of Plug A	DC Plug B	Maximum power of Plug B	RFID	Button	IT system	POS machine	4G	Ethernet	WiFi	Four-stage machine	Cable management system
EU	240kW	UFC240_EU_All In One	ADC002C2120 C2120-NC	6	CCS-2	120kW	CCS-2	120kW	√	√	√	√	√	√	√	√	√
	320kW	UFC320_EU_All In One	ADC002C2160 C2160-NC	8	CCS-2	160kW	CCS-2	160kW	√	√	√	○	√	√	√	√	√
	400kW	UFC400_EU_All In One	ADC002C2200 C2200-NC	10	CCS-2	200kW	CCS-2	200kW	√	√	√	○	√	√	√	√	√
	480kW	UFC480_EU_All In One	ADC002C2240 C2240-NC	12	CCS-2	240kW	CCS-2	240kW	√	√	√	○	√	√	√	√	√

Liquid Cooling

Area	Rated power	Product name	Product model	Module Qty.	DC Plug A	Maximum power of Plug A	DC Plug B	Maximum power of Plug B	RFID	Button	IT system	POS machine	4G	Ethernet	WiFi	Four-stage machine	Cable management system
EU	240kW	UFC240_EU_All In One	ADC002C2120 C2120-LC	6	CCS-2	120kW	CCS-2	120kW	√	√	√	○	√	√	√	√	√
	320kW	UFC320_EU_All In One	ADC002C2160 C2160-LC	8	CCS-2	160kW	CCS-2	160kW	√	√	√	○	√	√	√	√	√
	400kW	UFC400_EU_All In One	ADC002C2200 C2200-LC	10	CCS-2	200kW	CCS-2	200kW	√	√	√	○	√	√	√	√	√
	480kW	UFC480_EU_All In One	ADC002C2240 C2240-LC	12	CCS-2	240kW	CCS-2	240kW	√	√	√	○	√	√	√	√	√

√ Standard ○ Option - None