



HELLONEXT

DC CHARGERS
MODELS H2



FAST AND
ULTRA FAST CHARGERS

POWER RANGE > 90KW / 120 KW / 150 KW / 180 KW

ULTRA FAST CHARGERS

POWER RANGE > 90 KW / 120 KW / 150 KW / 180 KW

HELLONEXT DC Chargers are the perfect solution to efficiently charge your electric vehicle. They are designed to ensure ultra-fast charging in both public and private locations, such as retailers, highway service stations, commercial parking lots, fleet operators, EV infrastructure operators and service providers.

HELLONEXT H2 models are ultra-fast chargers with simultaneous charging outputs, ensuring the maximum power in each plug. Easy to install and maintain, they are fully customizable to any brand. Ensuring an easy, flexible, and cost-effective installation, HELLONEXT H2 are built with pluggable power modules. With a simple and intuitive interface and all the safety certifications, HELLONEXT DC Chargers are extremely resistant, making them the best choice for the most demanding outdoor environments.



MAIN FEATURES

- > Multi-standard: CCS and CHAdeMO
- > Supports smart charging and load balancing
- > Network or standalone operation
- > Simultaneous charging (2 vehicles)
- > Dynamic power sharing between connectors
- > Optional cable management accessories
- > 7-inch LCD screen with user friendly interface
- > Supports OTA (Over-The-Air) technology
- > Optional 300A charging with 500A boost
- > Plug and Charge ready
- > Multiple user authentication possibilities
- > Easy power upgrade possibility

Actual charging speed depends on the electric vehicle model(s) and charging conditions.



✓ TECHNICAL SPECIFICATIONS

MODEL		H2 90	H2 120	H2 150	H2 180
POWER SPECIFICATION					
AC Input	Input Rating	3 ϕ _380~415Vac (\pm 15%)			
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT/IT			
	Max. Input Current	3 ϕ 175A *	3 ϕ 230A *	3 ϕ 288A *	3 ϕ 350A *
	Frequency	50Hz/60Hz			
	Power Factor	>0.99			
	Efficiency	>94%, at optimize V/I point			
AC Output	Output Voltage Range	CCS2:150~950Vdc CHAdeMO:150~500Vdc			
	Max. Output Current	CHAdeMO 120A@150Vdc – 500Vdc			
		CCS2 Standard: 250A@150Vdc-360Vdc Option 1: 300A@150Vdc – 300Vdc Option 2: 300A + Boost 500A 500A@150-180Vdc when output voltage 950Vdc output current 94A	CCS Standard: 250A@150Vdc-480Vdc Option 1: 300A@150Vdc – 400Vdc Option 2: 300A + Boost 500A 500A@150-240Vdc when output voltage 950Vdc output current 126A	CCS2 Standard: 250A@150Vdc-600Vdc Option 1: 300A@150Vdc – 500Vdc Option 2: 300A + Boost 500A 500A@150-300Vdc when output voltage 950Vdc output current 157A	CCS2 Standard: 250A@150Vdc – 720Vdc Option 1: 300A@150Vdc – 600Vdc Option 2: 300A + Boost 500A 500A@150-360Vdc when output voltage 950Vdc output current 189A
	Max. Output Power	90kW	120kW	150kW	180kW
	Voltage Accuracy	\pm 2%			
	Current Accuracy	\pm 2%			
USER INTERFACE & CONTROL					
Display	7" TFT-LCD				
Push Buttons	Operation button / Emergency stop button				
User Authentication	RFID: support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), OCPP, 2D barcode, APP, Mobile payment				
COMMUNICATION					
External	Ethernet, Wi-Fi, and 4G				
Internal	CAN bus/RS485				
ENVIRONMENTAL					
Operating Temperature	-30°C~50°C, will derating from 50°C and above				
Humidity	5%~95% RH, non-condensing				
Altitude	\leq 2000m				
IP/IK Level	IP55 IK10 (not including screen and RFID module)				
Cooling Method	Fan cooling				
MECHANICAL					
Cabinet Dimensions	800 x 650 x 1900mm \pm 1%				
Weight	\leq 390kg \pm 1%	420kg \pm 1%	460kg \pm 1%	500kg \pm 1%	
Cable Length	4m				
PROTECTION					
Input Protection	OVP, OCP, OPP, OTP, UVP, RCD, SPD				
Output Protection	OCP, SCP, OVP, LVP, OTP, IMD				
REGULATION					
Certificate	IEC 61851-1, IEC 61851-23, IEC 61851-21-2				
Charging Interface	CHAdeMO VI2, DIN 70121, ISO15118				

* Worst case scenario (-15%) input voltage



YOUR PARTNER TOWARDS SUSTAINABILITY

Hellonext will guide
you through the
decarbonization
challenge.

www.hellonext.world

MODIEV DC 90kW / 120 kW / 150 kW / 180 kW_2023

info@hellonext.world

© 2023 Petrotec Group | All rights reserved. Petrotec, Hellonext, the Petrotec logo, the Hellonext logo and combinations thereof are registered trademarks of Petrotec Group. Other names are informational and may be trademarks of their respective owners. Hellonext is continuously improving its products. Changes on the specifications may occur without prior notice. The imagery used may be indicative of style only. The available brochures are a guide and do not constitute an offer or contract.



HELLONEXT