



HELLONEXT



# DC CHARGERS MODELS H2

90-120-150-180



# ULTRA FAST CHARGERS

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

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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
- > Simultaneous 2 DC charging
- > Supports smart charging and load balancing
- > Network or standalone operation
- > User authentication
- > Optional cable management accessories
- > 7-inch LCD screen with user friendly interface
- > Efficiency > 94%; PF > 0.99(APFC)
- > IK10 (Not including screen and RFID module), IP55
- > Easy Power Upgrade Possibility

## ACCESSORIES

Cables Management (dimensions 1282x232x195)



Prepared for AC MID meter



## ✓ TECHNICAL SPECIFICATIONS

MODEL		H2 90	H2 120	H2 150	H2 180
<b>POWER SPECIFICATION</b>					
AC Input	Input Rating	3 $\phi$ _380~415Vac ( $\pm$ 15%)			
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT/IT			
	Max. Input Current	3 $\phi$ 175A	3 $\phi$ 230A	3 $\phi$ 288A	3 $\phi$ 350A
	Frequency	50Hz/60Hz			
	Power Factor	>0.99			
	Efficiency	>94%, at optimize V/I point			
DC Output	Output Voltage Range	CCS2:150~950Vdc CHAdeMO:150~500Vdc			
	Max. Output Current	- CHAdeMO 120A@500V - CCS2:200A@450V	- CHAdeMO 120A@500V - CCS2:200A@600V, optional 300A	- CHAdeMO 120A@500V - CCS2:200A@750V, optional 300A	- CHAdeMO:120A@500V - CCS2:200A@900V, optional 300A
	Max. Output Power	90kW	120kW	150kW	180kW
	Voltage Accuracy	$\pm$ 2%			
	Current Accuracy	$\pm$ 2%			
<b>USER INTERFACE &amp; CONTROL</b>					
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				
<b>COMMUNICATION</b>					
External	Ethernet, Wi-Fi, and 4G				
Internal	CAN bus/RS485				
<b>ENVIRONMENTAL</b>					
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				
<b>MECHANICAL</b>					
Cabinet Dimensions	800 x 650 x 1900mm $\pm$ 1%		800 x 650 x 1900mm $\pm$ 1%		800 x 650 x 1900mm $\pm$ 1%
Weight	$\leq$ 390kg $\pm$ 1%	420kg $\pm$ 1%	460kg $\pm$ 1%	500kg $\pm$ 1%	
Cable Length	4m				
<b>PROTECTION</b>					
Input Protection	OVP, OCP, OPP, OTP, UVP, RCD, SPD				
Output Protection	OCP, SCP, OVP, LVP, OTP, IMD				
<b>REGULATION</b>					
Certificate	IEC 61851-1, IEC 61851-23, IEC 61851-21-2				
Charging Interface	CHAdeMO V12, DIN 70121, IS015118				



# YOUR PARTNER TOWARDS SUSTAINABILITY

Hellonext will guide you through the decarbonization challenge.



MOD:IEV DC90kW / 120 kW / 150 kW / 180 kW © 2022

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