



hellonext.world
info@hellonext.world

2024 Hellonext. All rights reserved

POWER SPECIFICATION	H2 240	H 280	H2 320	H2 360
AC Input	Input Rating 400Vac (+/-10%)			
	AC Input Connection 3P+N+PE (Wye configuration), TN/TT/IT			
	3 ø 418A	3 ø 488A	3 ø 557A	3 ø 627A
	Frequency 50Hz/60Hz			
	Power Factor > 0.99			
	Efficiency > 95%, at optimize V/I point			
DC Output	Output Voltage Range CCS2:150~950Vdc CHAdeMO:150~500Vdc			
	Max. Output Current CCS2: Liquid-cooled 500A @150~950V Air-cooled 300A with boost mode up to 500A @150~950V CHAdeMO: 120A @ 150~500V			
	240 kW	280 kW	320 kW	360 kW
	Voltage Accuracy +/-2%			
	Current Accuracy +/-2%			
	Meter AC MID Meter (With CE), DC PTB Meter			

POWER SPECIFICATION	H2 400	H 440	H2 480
AC Input	Input Rating 400Vac (+/-10%)		
	AC Input Connection 3P+N+PE (Wye configuration), TN/TT/IT		
	3 ø 697A	3 ø 766A	3 ø 836A
	Frequency 50Hz/60Hz		
	Power Factor > 0.99		
	Efficiency > 95%, at optimize V/I point		
DC Output	Output Voltage Range CCS2:150~950Vdc CHAdeMO:150~500Vdc		
	Max. Output Current CCS2: Liquid-cooled 500A @150~950V Air-cooled 300A with boost mode up to 500A @150~950V CHAdeMO: 120A @ 150~500V		
	400 kW	440 kW	480 kW
	Voltage Accuracy +/-2%		
	Current Accuracy +/-2%		
	Meter AC MID Meter (With CE), DC PTB Meter		

USER INTERFACE & CONTROL

Display	Dual 7" LCD operation screen + Dual 21.5" Media display touch screen
Push Buttons	Operation buttons / Emergency stop button
User Authentication	RFID, QR Code and Optional Third Party Payment System

ENVIRONMENT

Operating Temperature	-30°C~50°C, will derating from 50°C and above
Humidity	5%~95% RH, non-condensing
Altitude	≤ 2000m
IP/IK Level	IP55 IK10
Cooling Method	Fan cooling

COMMUNICATION

External	Ethernet, Wi-Fi, and 4G
Internal	CAN Bus / RS485

PROTECTION

Input Protection	OVP, OCP, OPP, OTP, UVP, RCD, SPD
Output Protection	OCP, SCP, OVP, LVP, OTP, IMD

MECHANICAL	H2 240	H2 280	H2 320	H2 360	H2 400	H2 440	H2 480
Dimension (WxDxH)	800 x 800 x 2200mm ±1%						
Weight	682kg (+/-1%)	706kg (+/-1%)	729kg (+/-1%)	753kg (+/-1%)	776kg (+/-1%)	800kg (+/-1%)	823kg (+/-1%)
Cable Length	4.5 m						

REGULATION

Certification	IEC 61851-1, IEC 61851-23, IEC 61851-21-2
Charging Interface	CHAdEMO V12, DIN 70121, IS015118