HELLONEXT

STANDALONE ULTRA FAST CHARGER

2200

800

800

H2 480

› From 240kW to 480kW of max output power (40kW power modules)

› Efficiency > 95%

› Simultaneous charging (up to 4 cables) and dynamic load balancing between connectors

› Cable management system included

› 300A air cooled cables (up to 500A) or 500A liquid cooling (Optional)

› 7" LCD screen and 21.5" touch screen with user friendly interface

› Payment terminal (Optional)

› Multi-standard: CCS, CHAdeMO and GB/T

› Plug and Charge ready

› Firmware updates through remote connection

› IK10, IP55

Weight <1000 kg ±5%

Values in mm

HELLONEXT **H2 480**

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TECHNICAL SPECIFICATIONS

POWER SPECIFICATION

AC Input	Voltage Rating	3Φ 400Vac (+/-10%)
	Current at nom. Voltageon	755 A
	Electrical Distribution	3P+ N+ PE (Wye configuration)
	Frequency	50 / 60Hz
	Power Factor	>0.99
	Efficiency	>95%, at Optimize V/I Point
AC Input	Output gun	4 charging guns CHAdeMO CCS2 GBT
	Output VoltageRange	DC 150 ~ 1000 Vdc (CCS2) DC 150 ~ 500 Vdc (CHAdeMO)
	Max. Output Current	Liquid-cooled 500A @150~950V, Air-cooled 300A with boost mode up to 500A @150V~950V *For CHAdeMO, please contact sales.
	Max. Output Power	480kW (12 x 40kW power modules)
	Voltage Accuracy	±2%
	Current Accuracy	±2%
	Meter	AC MID Meter (with CE), DC PTBMeter

USER INTERFACE & CONTROL

Display	7" and 21.5" Touch Screen (Optional)
Push Buttons	Operation Buttons / Emergency Stop Button (Optional)
User Authentication	RFID : Support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966) OCPP, 2D barcode, Application, Mobile payment

COMMUNICATION

External	Ethernet+3G, 4G & Wi-Fi
Internal	CAN Bus / RS485

MECHANICAL

Dimension (WxDxH)	800 x 800 x 2200 mm +/- 1%
Weight	< 1000 kg (+/- 5%), with four charging guns
Cable Length	Liquid cooling charging gun Support 4.5m/6m, configuration of other guns is 5m/7m

ENVIRONMENT

Operating Temperature	-30° C~50° C Output power will deterating from 50° C and above
Humidity	< 95%, relative humidity, noncondensing
Altitude	≤ 2000m
IP/IK Level	IP55 IK10
Cooling Method	Forced Air

PROTECTION

Input Protection	OVP, OCP, OPP, OTP, UVP, RCD, SPD
Ouput Protection	OCP, SCP, OVP, LVP, OTP, IMD
Internal Protection	OTP, AC contactor detection, DC contactor detection, Fuse detection

REGULATION

Certification	IEC 61851-1 : 2017, IEC 61851-23
EMI/EMC	IEC 61851-21-2
Charging Interface	CCS DIN70121 (ISO15118) CHAdeMO Ver 1.2

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