



HELLONEXT

STANDALONE ULTRA FAST CHARGER



H2 480

- › Up to 480kW
- › Efficiency > 94%
- › Simultaneous charging (up to 4 cables) and dynamic load balancing between connectors
- › Cable management system
- › 500A per output with air colling + boost (or liquid cooling)
- › 7" inch and 21.5" inch touch screen with user friendly interface
- › Payment terminal (optional)
- › RFID card reader authentication
- › Multi-standard: CCS, CHAdeMO and GB/T
- › Support Ethernet Wi-Fi and 3G/4G
- › Firmware updates through remote connection
- › IK10, IP55

Weight < 1000 kg (+/- 5%) kg

Values in mm



TECHNICAL SPECIFICATIONS

POWER SPECIFICATION

AC Input	Voltage Rating	3 Φ 400Vac (+/-10%)
	Current at nom. Voltage	755 A
	Electrical Distribution	3P+ N+ PE (Wye configuration)
	Frequency	50/60Hz
	Power Factor	>0.99
	Efficiency	>94%, at optimize V/I point
DC Output	Output gun	4 charging guns CHAdeMO CCS2 GBT
	Output Voltage Range	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
	Voltage Accuracy	+/-2%
	Current Accuracy	+/-2%
	Meter	AC MID Meter (with CE), DC PTB Meter

USER INTERFACE & CONTROL

Display	7" inch and 21.5" inch touch screen
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
Backend support	OCPP v1.6j; OCPP 2.0 compatible

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
Output Protection	OCP, SCP, OVP, LVP, OTP, IMD
Internal Protection	OTP, AC contactor detection, DC contactor detection, Fuse detection

REGULATION

Certificate	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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