HELLONEXT
POWERED BY Petrotec

EV DC CHARGER

HELLONEXT H2 30

RFID

Cloud

The Hellonext H2 30 Model is a highly efficient EV charging solution. With support for multi-standard charging guns, it ensures your operations are up and running at any time. Its flexibility is also supported by an easy installation and maintenance.

MAIN FEATURES:

- Efficiency > 94%
- Supports Ethernet, Wi-Fi and 3G or 4G
- Supports smart charging and load balancing
- PF> 0.99 (APFC)
- 7" LCD with a user-friendly interface
- Network or standalone operation
- User authentication
- IK10, IP55

The ideal solution for highway gas/service stations, parking lots, commercial fleet operators, EV infrastructure operators and service providers, and EV dealer workshops.

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TECHNICAL SPECIFICATIONS

POWER SPECIFICATION		
AC Input	Input Rating	3 Φ_380~415 VAC (± 15%)
	AC Input Connection	3P+N+PE (Wye configuration) TN/TT/IT
	Maximum Input Current	3Φ60A (Typ. ± 1%)
	Frequency	50Hz / 60Hz
	Power Factor	>0.99 @ full load
	Efficiency	≥94%
DC Output	Output Voltage Range	CHAdeMO: 150~500Vdc CCS: 150~950Vdc
	Maximum Output Current	CHAdeMO / CCS: 60A@500Vdc CCS: 31.5A@950Vdc
	Maximum Output Power	30kW
	Voltage Accuracy	±2%
	Current Accuracy	±2%

USER INTERFACE & CONTROL	
Display	LCD 7"
Push Buttons	Operation buttons, Emergency Stop button
User Authentication	RFID: support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966) OCPP, 2D barcode, APP, Mobile payment

ENVIRONMENT	
Operating Temperature	- 30°C~50° C, power derating from 50° C and above
Humidity	5%~95% RH, non-condensing
Altitude	≤ 2000m
IP / IK Level	IP55/IK10 (not including screen and RFID module)
Cooling Method	Fan Cooling

MECHANICAL	
Dimension (WxDxH)	610 x 230 x 690mm ±1%
Weight	Single Plug: ≤80kg ±1% Dual Plug: ≤ 88kg ±1%
Cable Length	4m

COMMUNICATION	
External	Ethernet / 4G / Wi-Fi
Internal	CAN bus / RS485

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

REGULATION	
Certificate	IEC 61851-1, IEC 61851-23, IEC 61851-21-2
Safety	CE
Charging Interface	CHAdeMO V1.2, DIN 70121, (ISO15118)

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