



HELLONEXT
POWERED BY Petrotec



EV DC CHARGER

> HELLONEXT H2 30M

The Hellonext H2 30 Model is a movable and highly efficient EV charging solution. With support for multi-standard charging guns it ensures your operations are up and running at any time.

It is flexible, and easy to install and maintain.

MAIN FEATURES:

- » Efficiency > 94%
- » PF > 0.99 (APFC)
- » Supports Ethernet, 4G or Wi-Fi
- » Supports smart charging and load balancing
- » Network or standalone operation
- » User authentication
- » 7" LCD with a user-friendly interface
- » OCPP 1.6 JSON
- » IK10, IP55



The ideal solution for parking lots, commercial fleets, car service garages, and EV dealer workshops.

✓ TECHNICAL SPECIFICATIONS

POWER SPECIFICATION		
AC Input	Input Rating	3 Φ 380-415 VAC (\pm 15%)
	AC Input Connection	3P+N+PE (Wye configuration) TN/TT/IT
	Maximum Input Current	3 Φ 60A (Typ. \pm 1%)
	Frequency	50Hz / 60Hz
	Power Factor	>0.99 @ full load
	Efficiency	\geq 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	\pm 2%
	Current Accuracy	\pm 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	\leq 2000m
IP Level	IP55/IK10 (not including screen and RFID module)
Cooling Method	Fan Cooling

MECHANICAL	
Dimension (WxDxH)	589 x 490 x 740 mm \pm 1%
Weight	\leq 80kg \pm 1%
Cable Length	3m

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)