



HELLONEXT  
POWERED BY Petrotec

EV DC CHARGER

# > HELLONEXT H2 30



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.

## ✓ TECHNICAL SPECIFICATIONS

| POWER SPECIFICATION |                        |  |
|---------------------|------------------------|--|
| AC Input            | Input Rating           | 3 $\Phi$ 380-415 VAC ( $\pm$ 15%)              |
|                     | AC Input Connection    | 3P+N+PE (Wye configuration)<br>TN/TT/IT        |
|                     | Maximum Input Current  | 3 $\Phi$ 60A (Typ. $\pm$ 1%)                   |
|                     | Frequency              | 50Hz / 60Hz                                    |
|                     | Power Factor           | >0.99 @ full load                              |
|                     | Efficiency             | $\geq$ 94%                                     |
| DC Output           | Output Voltage Range   | CHAdeMO: 150-500Vdc<br>CCS: 150-950Vdc         |
|                     | Maximum Output Current | CHAdeMO / CCS: 60A@500Vdc<br>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,<br>ISO 15693, FeliCa Lite-S (RCS966)<br>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 / IK Level         | IP55/IK10 (not including screen and RFID module)  |
| Cooling Method        | Fan Cooling                                       |

| MECHANICAL        |  |
|-------------------|--|
| Dimension (WxDxH) | 610 x 230 x 690mm $\pm$ 1%   |
| Weight            | Single Plug: $\leq$ 80kg $\pm$ 1%<br>Dual Plug: $\leq$ 88kg $\pm$ 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)       |