

Nano Series Duo Wallbox

The Nano Series is a new generation of 2X22kW AC chargers, available in both commercial and home versions, suitable for use in residential communities, commercial properties, and private settings. It supports remote parameter viewing and control, Ad Hoc, and card activation. It has 8 built-in safety protection functions to ensure user safety. It can be equipped with a wireless router that supports full network access or be wire connected to the network. Smart solutions such as load balancing is also available to save costs and facilitate management.

EU & UK Standard



Innovative

- Type 2 socket / cable, 2x11kW / 1x22kW / 2x22kW simultaneously
- Suitable for home & semi-public use
- Easy to install by plugging back plate
- Installation cost saving

Intelligent

- Communications: Wi-Fi+4G+Bluetooth+Ethernet
- OCPP 1.6 Json
- Dynamic load balancing with LBC

Flexible

- Compatible with all EV & PHEV models
- App operation/RFID authentication/Plug to Charge
- Optional socket and cable version
- Option to select MID meter or opt out

Secure & Safe

- 30mA Type A + 6mA DC
- Independent RCBO
- MID certified energy meter with accurate measurement
- IK10



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| Datasheet | Model | AC022K-BE-44D | AC022K-AE-44D | AC044K-BE-44D | AC044K-AE-44D |
|--------------------------|------------------------------|--|-----------------------|-----------------------|-----------------------|
| Electrical Specification | Power Supply | 3P+N+PE | | | |
| | Rated Voltage | 400V AC±20% | | | |
| | Rated Current | 32A | | 2x32A | |
| | Frequency | 50/60Hz | | | |
| | Rated Power | 2*11KW/1*22KW | | 2*22KW | |
| | Power Measurement Accuracy | 1% with MID | | | |
| Classic Attributes | Charge Connector | Type 2 Socket | Type 2 Cable | Type 2 Socket | Type 2 Cable |
| | Cable Length | / | 7m | / | 7m |
| | Enclosure | PC | | | |
| | Installation | Wall-mount/Pole-mount(Optional) | | | |
| Interactive Interface | LED Indicator | Green/Yellow/Red | | | |
| | Screen | / | | | |
| | RFID Reader | Mifare ISO/IEC14443A | | | |
| | Start Mode | Plug to Charge/RFID card/App | | | |
| Communication | Wi-Fi & Ethernet & Bluetooth | Standard | | | |
| | 4G | Standard | | | |
| | OCPP | OCPP 1.6 Json | | | |
| Safety | RCD | 30mA Type A + 6mA DC | | | |
| | RCBO | Type A | | | |
| | Ingress Protection | IP54 | | | |
| | Impact Protection | IK10 | | | |
| | Electrical Protection | Over current protection,Residual current protection,Surge protection,Over/Under voltage protection,Over/Under frequency protection,Over temperature protection | | | |
| | Certification | CE/CB/RoHS/Reach | | | |
| | Certification Standard | IEC 61851-1:2017 EN IEC 61851-1:2019 EN IEC 61851-21-2:2021 ENIEC 61000-6-1:2019 EN IEC 61000-6-3:2007+A1 EN 300 328 V2.2.2:2019 EN 300 330 V2.1.1:2017 EN 301 489-1 V2.2.3:2019 EN IEC61000-6-2/-4:2019 EN 301 489-3 V2.1.1:2019 EN 301 489-17 V3.2.0:2017 EN 62311:2020 BS 7671:2018+A2:2022 | | | |
| Warranty | 2 Years | | | | |
| Working Environment | Operation Temperature | -30°C ~+50°C | | | |
| | Work Humidity | 5%-95% | | | |
| | Work Altitude | ≤2000m | | | |
| Package | Product Dimension | 540*360*199mm (H*W*D) | 540*360*199mm (H*W*D) | 540*360*199mm (H*W*D) | 540*360*199mm (H*W*D) |
| | Package Dimension | 620*466*245mm (L*W*H) | 635*430*345mm (L*W*H) | 620*466*245mm (L*W*H) | 635*430*345mm (L*W*H) |
| | Net Weight | 10kg | 20kg | 10kg | 20kg |
| | Gross Weight | 12.2kg | 20.9kg | 12.2kg | 20.9kg |
| | External Packing | Carton | | | |