

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



Nano Series Duo Wallbox

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	PC943			
	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	12kg	21kg	12kg	21kg
	External Packing	Carton			