



Nano Series Duo Wallbox

The Nano Series is a new generation of 2X22 kW 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 Standard



Innovative

- Type 2 socket / cable, 2x11 kW / 1x22 kW / 2x22 kW simultaneously
- Suitable for home & semi-public use
- Easy to install by plugging back plate
- Cost-saving installation

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

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

CE CB RoHS Reach

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Datasheet	Model	AC022K-BE-42D AC022K-AE-42D	AC022K-AE-44D AC022K-BE-44D	AC044K-AE-44D AC044K-BE-44D AC044K-TE-44D	AC044K-AE-42D AC044K-BE-42D AC044K-TE-42D
Electrical Specification	Power Supply	3P+N+PE			
	Rated Voltage	400 V AC			
	Rated Current	2x16 A / 1x32 A		2x32 A	
	Frequency	50 / 60 Hz			
	Rated Power	2 x 11 kW / 1 x 22 kW		2 x 22 kW / 1 x 22 kW	
	Power Measurement Accuracy	2%	1% with MID		2%
Classic Attributes	Charge Connector	AE: Type 2 Cable (7 m)		BE: Type 2 Socket	TE: T2S Socket
	Enclosure Material	PC			
	Colour	Black (PANTONE Black C)			
	Installation	Wall-mount / Pole-mount (Optional)			
Interactive Interface	LED Indicator	Green / Yellow / Red			
	Screen	/			
	RFID Reader	MIFARE ISO/IEC 14443A			
	Start Mode	Plug to Charge / RFID card / App			
Communication	Wi-Fi & Ethernet & Bluetooth & 4G	Standard			
	OCPP	OCPP 1.6 Json			
Safety	Embedded Leakage Protection	30 mA Type A + 6 mA DC			
	RCBO	Type A			
	Ingress Protection	IP54			
	Impact Protection	IK10			
	Electrical Protection	Overcurrent 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	Operating Temperature	-30°C to +50°C		-30°C to +40°C	
	Operating Humidity	5%-95%			
	Operating Altitude	≤2000 m			
Package	Product Dimension	AE: 559 x 367 x 181 mm(H x W x D)		BE/TE: 559 x 367 x 197 mm(H x W x D)	
	Package Dimension	AE: 635 x 430 x 345 mm(L x W x H)		BE/TE: 620 x 466 x 245 mm(L x W x H)	
	Net Weight	AE: 20 kg		BE/TE: 10 kg	
	Gross Weight	AE: 21 kg		BE/TE: 12 kg	
	External Packing	Carton			