



Nano Smart Duo EV Charger

The Nano Smart Duo is a new generation of 22kW 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, QR code, 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 and PV charging are also available to save costs and facilitate management.

EU Standard



Innovative

- Type 2 socket/cable, 2x11kW/1x22kW simultaneously
- Suitable for home & public use
- Easy to install
- 50% installation cost saving

Intelligent

- Multi-communication(Wi-Fi/4G/Ethernet)
- OCPP 1.6 Json(OCPP 2.0 upgradeable)
- Dynamic load balancing

Flexible

- Compatible with all EV & PHEV models
- App operation/RFID authentication/Plug & Play
- Optional socket and cable version
- Option to add RCBO & MID Meter

Secure & Safe

- Type A+6mA DC RCD



Nano Series Duo Wallbox

Datasheet	Model	AC022K-AE-44D	AC022K-BE-44D
Electrical Specification	Power Supply	3P+N+PE	
	Rated Voltage	400V AC	
	Rated Current	32A	
	Frequency	50/60Hz	
	Rated Power	1x22kW/2x11kW	
Basic Attributes	Charge Connector	2xType 2 socket(2xType 2 cable optional)	
	Cable Length	4m(7m optional)	
	Enclosure	PC	
	Installation	Wall-mount/Pole-mount(Optional)	
Interactive Interface	LED Indicator	Green/Yellow/Red	
	RFID Reader	Mifare ISO/IEC 14443 A	
	Start Mode	Plug&Play/RFID Card/App	
Communication	Wi-Fi	Yes	
	Ethernet	Yes	
	Bluetooth	Yes	
	4G	Yes	
	Ocpp	Ocpp1.6 Json(Ocpp 2.0 Upgradable)	
Safety	RCD	30mA Type A+6mA DC	
	RCBO	Type A(Optional)	
	Energy Meter	MID Certified(Optional)	
	Ingress Protection	IP54	
	Impact Protection	IK08	
	Electrical Protection	Over current protection, Residual current protection Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection	
	Certification	CE/RoHS	
	Certification Standard	EN IEC 61851-1:2019 IEC61851-1:2017 IEC61851-21-2:2021	
	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)	
	Package Dimension	600*400*295mm(L*W*H)	
	Net Weight	16.0kg	
	Gross Weight	23.0kg	
	External Package	Carton	

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