

SMART HOME & PORTABLE CHARGING SOLUTION • 7.4 / 11 / 22 KW AC

Wallbox NORA

Compact and versatile smart AC charger for home and portable use with fixed hardware or plug-and-play CEE/adaptor options, RGB status LEDs, and wireless dynamic load balancing.



● Wood Edition (Type 2 Socket) ● Crimson Red (Type 2 Cable 5m) • IP55 / IK10 • UL94 V0 Polycarbonate (260 × 168 × 86 mm)

7.4 / 11 / 22 kW AC Output

Supports TN / TT / IT earthing systems • IEC 62196 Type 2 cable (5m) or Type 2 socket

Hardwire, CEE & EU Adapter Packs

Fixed hardwire installation or CEE plug with 7kW / 22kW EU Adaptor Packs for any socket

Wi-Fi, 4G LTE (eSIM) & BLE

Integrated eSIM, Wi-Fi 2.4GHz, Bluetooth, RFID, Push Start button & OCPP 1.6 (JSON)

Air DLM Kit & Solar Charging

Wireless LoRa 868MHz link to Air DLM Kit for Dynamic Load Balancing & solar surplus charging

• The Charge Grid • Smart Home & Portable AC Charging

CE • UKCA • IP55 / IK10 • OCPP 1.6J

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SMART HOME & PORTABLE CHARGING SOLUTION • 7.4 / 11 / 22 KW AC

Up to 22 kW AC (TN/TT/IT)

Type 2 Cable (5m) or Socket

Wi-Fi, 4G eSIM & Bluetooth

LoRa 868MHz Air DLM & Solar

GENERAL

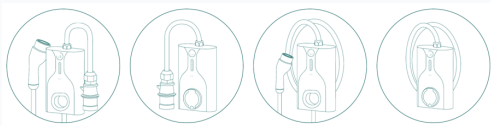
Charging connector	IEC 62196 Type 2 cable 5m, Type 2 socket
Authentication methods	Plug & Charge, RFID, Push Start button, The Charge Grid App via BLE, OCPP Backend
HMI & indication	RGB Logo LEDs, RGB Status LEDs
Nominal output voltage	Single phase: 230VAC ± 20%, Three phase: 230/400VAC ± 20%
Maximum output power	Single phase up to 7.4kW / Three phase up to 22kW with downgrade compatibility
Earthing system	TN/TT/IT
Protection	UVP, OVP, OCP, Relay Stuck, Over Temperature
Residual current protection	At least Type A RCD upstream + Integrated 6mA DC per IEC 62955
Nominal frequency	50/60Hz
Metering accuracy	Calibrated ± 2% Accuracy



Wood • Type 2 Socket

4 Hardware Configurations • Stationary Hardwire & Portable CEE / Adapter Charging

Available with tethered 5m Type 2 cable or Type 2 socket, in either stationary hardwire installation or CEE plug variant for seamless home and on-the-go charging.



Red • 5m Cable & Holster

CONNECTIVITY

Vehicle communication	Mode 3 in accordance with IEC 61851-1 ed. 3 (2017)
RFID authentication	ISO/IEC 14443A/B, 13.56 MHz
Connectivity to backend	Wi-Fi: 2.4GHz, 802.11 b/g/n; 4G: LTE CAT 1, LTE-FDD: B1/3/5/7/8/20/28
Backend protocol	OCPP 1.6(JSON) 2nd edition
Connectivity to EMS/Meter	LoRa Wireless 868MHz
Connectivity to smart phone	Bluetooth
SIM card	eSIM: Integrated

LOAD MANAGEMENT OPTIONS

Dynamic Load Balancing & Solar Charging	Connect to Air DLM Kit for Dynamic Load Balancing and Solar Charging (LoRa Wireless 868MHz)
OCPP Backend Load Management	OCPP backend load management via The Charge Grid Backend
Static Load Management	Static load management setting in The Charge Grid App and Install App

OPERATING CONDITIONS

Operating temperature	-30 ~ 55°C with derating mechanism
IK protection (mechanical impact)	IK10
Relative humidity	5% ~ 95%
Operating altitude	2000m
Electrical safety class	Class I
Standby power	4.5W
Degree of protection (housing)	IP55
Environmental conditions	Indoor / outdoor use
EMC Environmental conditions	Class B residential according to IEC 61851-21-2

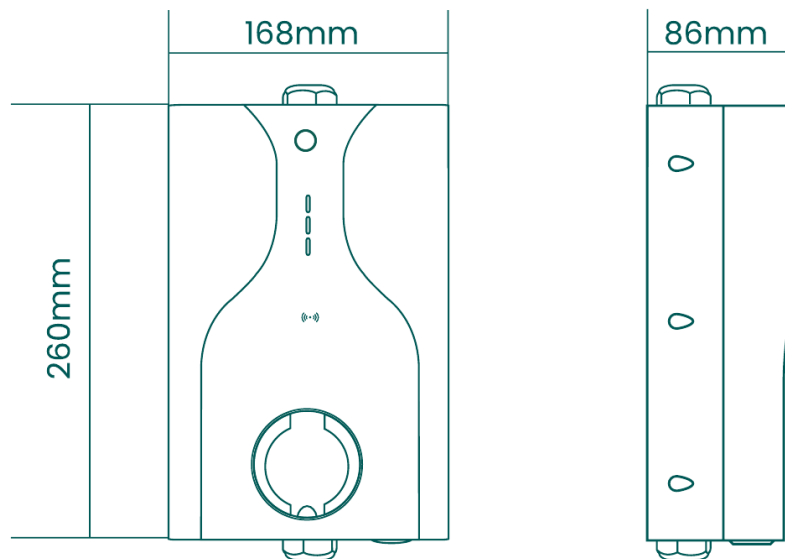
COMPLIANCE

Safety	EN 61851-1, EN 62955, EN 62196, EN 61439
EMC	EN 61851-21-2:2021, EN 301489-1 V2.2.3:2019, EN 301489-3 V2.3.2:2023, EN 301489-17 V3.2.5:2022, EN 301489-52 V1.2.1:2021
RED	EN 300328 V2.2.2:2019, EN 300330 V2.1.1:2017, EN 301908-1 V15.1.1:2021, EN 301908-13 V13.2.1:2022, EN 300220-1 V3.1.1:2017, EN 300220-2 V3.1.1:2017
Health	EN 62311:2008, EN 50663:2017, EN 61000-6-2:2016, EN 61000-6-3:2006
RoHS	Directive 2011/65/EU & (EU)2015/863 Annex II
UKCA	UK Smart Charging Legislation, BS 7671:2018+A2:2022

MECHANICAL

Mounting options	Wall mounted, Pedestal
Material	Polycarbonate, UV resistant and flame retardant, UL94 V0
Casing (exterior) dimensions	260 x 168 x 86 mm (H x W x D) (260x168x86)
Packaging dimensions (H x W x D)	430 x 360 x 130 mm (CEE socket variant), 430 x 205 x 320 mm (CEE cable variant), 430 x 205 x 320 mm (Hardwire)
Weight	3.9-6.2 kg

DIMENSIONS & TECHNICAL DRAWING (260X168X86 MM)



COMPATIBLE ACCESSORIES



Pedestal

For charging station mounting • Double-sided installation, cable hook • Material: Aluminium Alloy • Color: Black

Dimension (H×W×D): 1,435.5 × 260 × 200 mm | Packaging: 1,460 × 310 × 210 mm



RFID Card

5*RFID: RFID Card, Home, 5 Cards • ISO/IEC 14443A/B, 13.56 MHz contactless authentication

Instant home, family & fleet user access



EU Adaptor Pack 22kW

NORA Adaptor Set 22kW to CEE 3P 16A, CEE 1P 32A, Household plug (Type E/F, Type G, Type L)

5-in-1 industrial & domestic adapter set (up to 22kW)



EU Adaptor Pack 7kW

NORA Adaptor Set 7kW to Household plug (Type E/F, Type G, Type L)

3-in-1 domestic travel adapter set (up to 7kW)



Charging Cable

T2 to T2, 5m / 7.5m, 1-phase up to 32A (7kW) • T2 to T2, 5m / 7.5m, 3-phases up to 32A (22kW) • T2 to T1, 5m, 1-phase up to 32A (7kW)

IEC 62196 Mode 3 charging cables



AIR DLM Kit

AIR DLM Kit for NORA • 3P Meter Unit, 3 CT Clamps, 100A, 1:4000

LoRa Wireless 868MHz Dynamic Load Balancing & Solar Charging



Cable Hook

Convenient for keeping your charging cable organized • Integrated Type 2 nozzle holster

Color: Black • Weight: 0.106 kg



4 Connection Variants

Type 2 Cable (5m) + CEE Plug • Type 2 Socket + CEE Plug • Type 2 Cable (5m) Hardwire • Type 2 Socket Hardwire

Stationary Wallbox or Portable CEE Charging