



EVC ND PARK

MODERN AC CHARGING STATION

FOR PRIVATE AND SERVICE ELECTRIC TRANSPORTATION



TYPE 1



TYPE 2



GB/T



Power up to **88 kW**

EVC ND PARK allows AC charging of cars of any manufacturer due to compatibility with all modern standards of connectors for electric cars.

EVC ND PARK can have power from 7 to 88 kW, depending on the number of built-in connectors, which allows increasing the power of the station during operation.

EVC ND PARK allows simultaneous charging of 4 cars, while the distribution of power between them occurs dynamically and automatically, according to the technical capabilities of each electric car.

- SIMPLE and RELIABLE**
 Easy to operate, undemanding in maintenance. Well-thought-out built-in protection systems against power grid instability, current leaks, and weather conditions ensure uninterrupted functioning of the station.
- PLUG & CHARGE COMPATIBLE**
 The safest and easiest way to charge the cars. The driver just needs to plug in the car's charging cable to start the charging. The onliest client's worry is just to have a sufficient amount of money on account.
- CREATED for BUSINESS**
 Starts earning after the first connection. A simplified installation and connection system, built-in station management systems, accounting and service pricing (billing), as well as an optimal price/quality ratio make the station a desirable source of additional income.
- BRANDED for YOU**
 ND adapts the appearance of the station to the client's identity requirements. It is possible to paint in different colors (according to RAL), application and perforation of logos and slogans, including illumination.



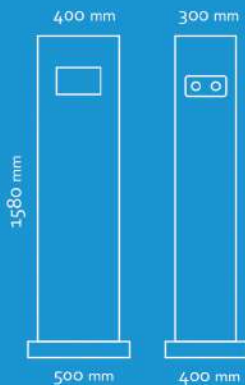
BUILT-IN PROTECTION SYSTEMS



WORK IN HARD WEATHER CONDITIONS



REAL VANDAL RESISTANCE





EVC ND PARK

SPECIFICATIONS



ELECTRICAL

Maximum output AC power	22 - 88 kW
AC socket to choose	Type1, Type2, GB/T
Connection to the power grid	3P + N + PE (400 B AC +/- 10%; 50 Hz or 60 Hz)
Efficiency	100% (peak)
Charging protocols	Type1: SAE J1772 North America, Japan, South Korea; Type2: Mennekes Europe; GB/T: China
Grounding system	IT, TT, TN-S, TN-C-S
Maximum AC output current	Type-1 AC cable 1 phase up to 8 kW Type-2 AC outlet or 3-phase cable / GB/T 3-phase AC cable: up to 22 kW
Simultaneous charging	From 1 to 4 cars
Cable length to choose	2 / 3 / 4 / 5 / 6 / 7 / 10 / 14 m
Energy metering	Built-in MID Meter Eichrecht / PTB compatible
Electromagnetic compatibility	EN 61000-6-3:2007; Conductive interference: class A(B); Electromagnetic radiation, class A(B)
Protection	Overcurrent, overvoltage, undervoltage, ground fault, direct current leakage
Warranty	36 months*, extensions available

* subject to regular maintenance by ND

INTERFACE

Communication interface	WiFi/ 3G / LTE / Ethernet, Modbus/M-Bus, USB port
Communication with control systems	OCPP 1.6/2.0 and OPC-UA
User interface	Capacitive anti-vandal display 10,1"; TFT LCD (IK8), touch control, multilingual interface
Authorization	Application / RFID / PIN code
Software update	Remote update through the "NDGRID" web portal

MECHANICAL

Weight (Net)	35 kg
Dimension H x W x D	1500 x 400 x 300 mm
Material to choose	Anti-vandal metal, plastic or heat-resistant stainless steel

EXTERNAL INFLUENCE

IP Rating	IP54
Humidity	5% — 95%, non-condensing
Operating Temperature	-35 °C — +55 °C

