



ND EVC FAST

SUPER FAST CHARGING STATION OF DIRECT CURRENT

FOR PRIVATE AND SERVICE ELECTRIC TRANSPORT

ND EVC Fast allows you to charge cars of any manufacturer due to compatibility with all modern standards of connectors for electric cars.

ND EVC Fast can have a power from 80 to 500 kW, depending on the number of built-in inverters, which allows increasing the power of the station during operation.

ND EVC Fast 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.

• SMART to CHARGE

The technology of automatic distribution of available power between vehicles that are charged at the station at the same time.

• PLUG and CHARGE

The safest and easiest way to charge cars. All the driver needs to do is plug in the car's charging cable and it will start charging. The only thing you need to worry about is the money in the account.

• CHARGE for PROFIT

The development of ND EVC Fast is based on 4 principles: compatibility with various control systems, easy integration into existing networks of charging stations of other manufacturers, built-in billing and a simplified installation system. Therefore, the station starts earning after the first connection.



POWER UP TO 500 kW



BUILT-IN PROTECTION SYSTEMS



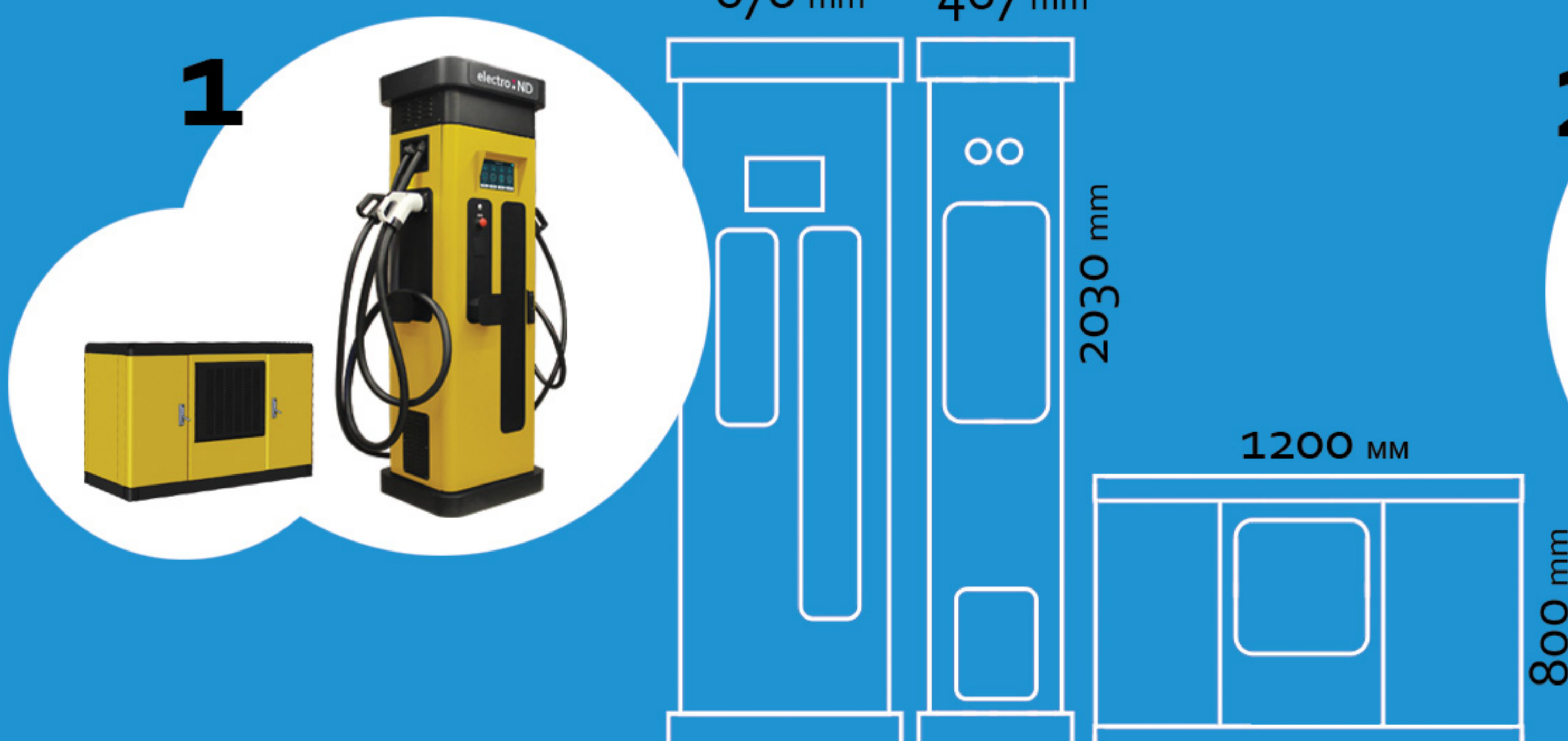
WORK IN HARD WEATHER CONDITIONS



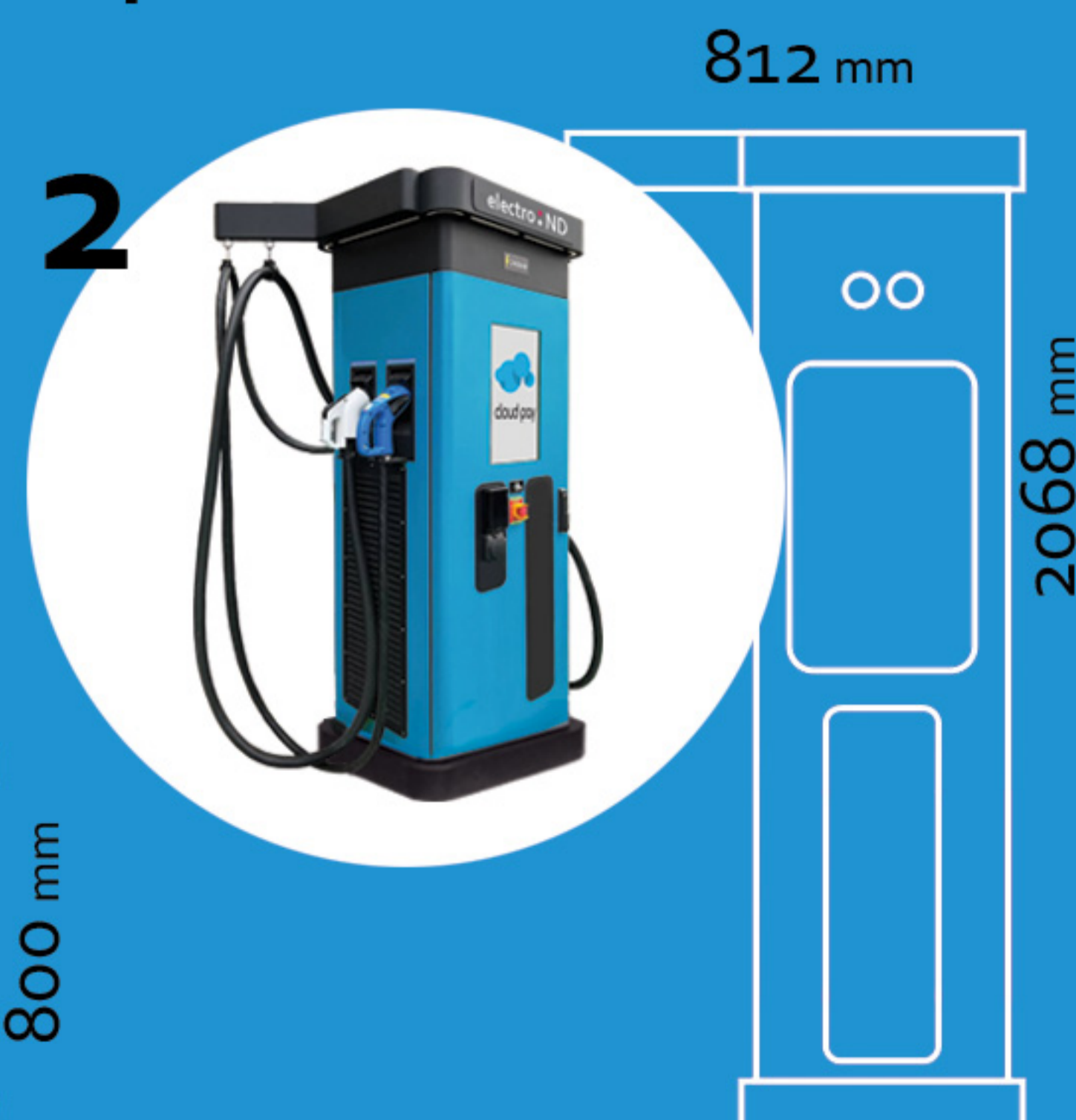
REAL VANDAL RESISTANCE

MODEL RANGE

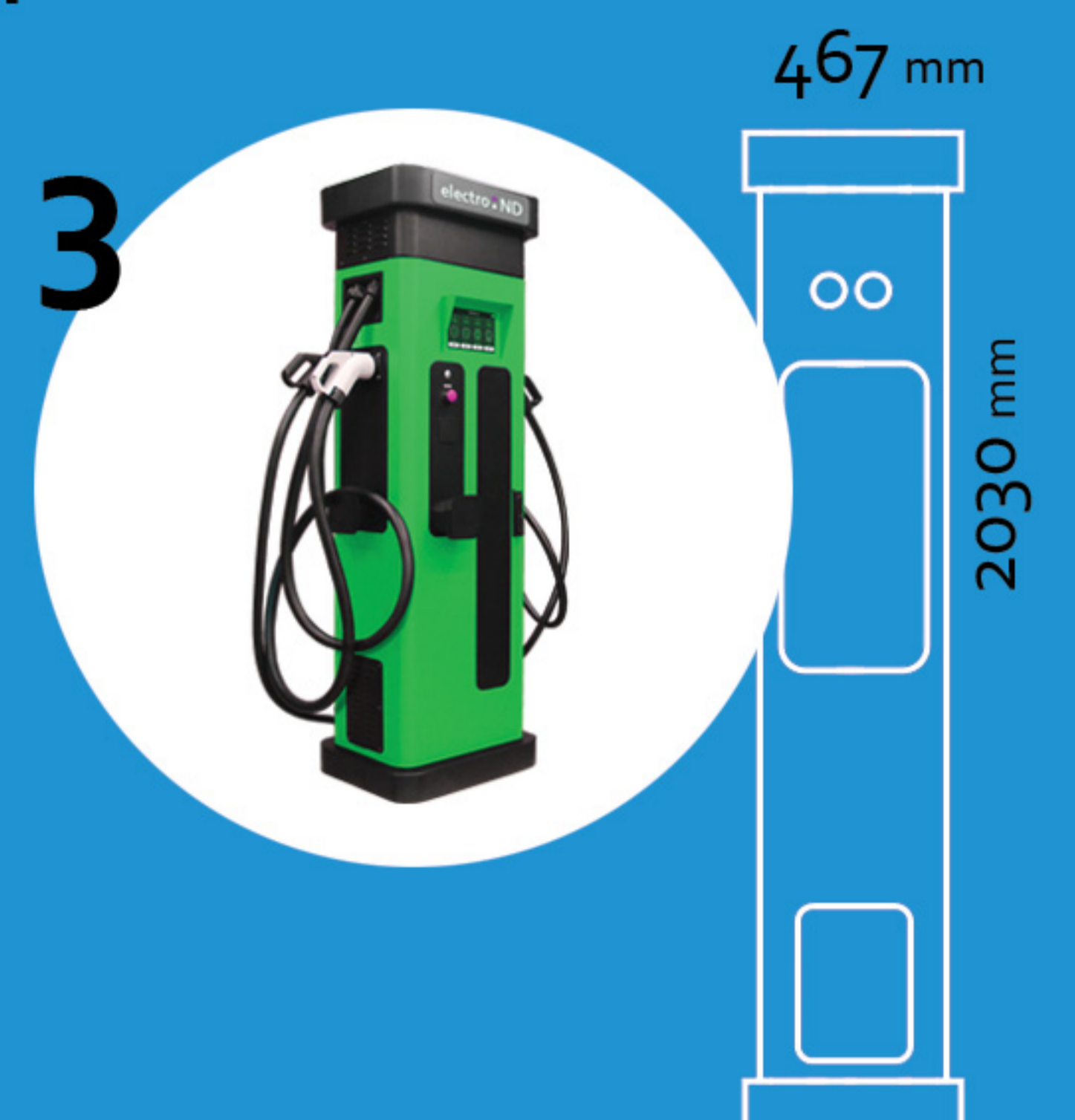
ND EVC FAST 500
200-500 kW



ND EVC FAST 240
80-240 kW



ND EVC FAST 100
40-102 kW





ND EVC FAST

SPECIFICATIONS

| Models | ND EVC FAST 500 | ND EVC FAST 240 | ND EVC FAST 100 |
|--------------------------------|---|----------------------|---------------------|
| ELECTRICAL | | | |
| Maximum output DC power | 500 kW | 240 kW | 80 kW |
| Maximum output AC power | | 22 kW | 22 kW |
| Network connector types | 3P + N + PE (400 V +/- 10%; 50 Hz / 60 Hz AC) | | |
| Efficiency | 96% (peak) | | |
| 3 DC connection to choose | CCS1, CCS2, CHAdeMO, GB/T | | |
| 1 AC socket to choose | Type-2, GB/T | | |
| DC output voltage | 50 — 1000 V | | |
| DC output current | CCS1, CCS2 — 400 A, CCS1, CCS2, GB/T — 250 A, CHAdeMO — 200 A | | |
| Simultaneous charging | 4 electrocars: 4 DC + 1 AC | | |
| Cable length to choose | 3.9 / 5.0 / 6.0 / 8.0 m | | |
| Energy metering | Built-in MID Meter Eichrecht / PTB compliant | | |
| Electromagnetic compatibility | EN 61000-6-3:2007; Conductive interference: Class A(B); Electromagnetic emission Class A(B) | | |
| Climate protection | Built-in climate control, anti-condensation system | | |
| Built-in protection | Overcurrent, Overvoltage, Under voltage, Ground fault including DC leakage protection | | |
| Warranty | 24 months*, extensions available | | |
| INTERFACE | | | |
| Communication interface | WiFi/ 3G / LTE / Ethernet, Modbus/M-Bus, USB | | |
| Protocols with control systems | OCPP 1.6/2.0, OPC-UA | | |
| User interface | Capacitive anti-vandal display 10,1" or 21"; TFT LCD (IK8), ctouch control, multilingual interface | | |
| Authorization | APP / RFID / NFC / Mifare / HID and more | | |
| Software update | Remotely updates via «NDGRID» web portal | | |
| MECHANICAL | | | |
| Weight (Net) | 300 + 140 kg | 320 kg | 280 kg |
| Dimension H x W x D | 2030 x 670 x 467 mm | 2068 x 1337 x 812 mm | 2030 x 670 x 467 mm |
| Framework material | Galvanized metal or stainless steel | | |
| EXTERNAL INFLUENCE | | | |
| IP Rating | IP54 | | |
| Humidity | 5% — 95% | | |
| Operating Temperature | -35 °C — +55 °C | | |

* subject to regular maintenance by ND

