



EVC ND FAST

SUPER FAST CHARGING STATION OF DIRECT CURRENT

FOR PRIVATE AND SERVICE ELECTRIC TRANSPORTATION

Power up to **500 kW**

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.



TYPE 2



GB/T



CHADEMO



CCS 1



CCS 2



• SMART CHARGING

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.



BUILT-IN PROTECTION SYSTEMS



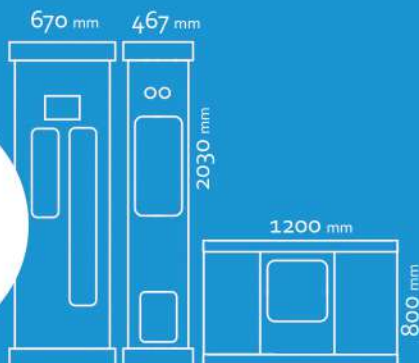
WORK IN HARD WEATHER CONDITIONS



REAL VANDAL RESISTANCE

ND FAST 500
240-500 kW

1



ND FAST 200
120-200 kW

2



ND FAST 100
40-102 kW

3






MODEL RANGE



EVC ND FAST

SPECIFICATIONS

Models	ND FAST 500 	ND FAST 200 	ND FAST 100 
ELECTRICAL			
Maximum output DC power	240 - 500 kW	120 - 200 kW	40 - 80 kW
Maximum output AC power		22 kW	22 kW
Network connector types	3P + N + PE (400 VAC +/- 10%; 50 Hz or 60 Hz)		
Efficiency	98% (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 VDC		
DC output current	CCS1, CCS2, GB/T — 250 A, CHAdeMO — 200 A		
Simultaneous charging	4 electric cars: 3DC + 1AC		
Cable length to choose	3.9 m / 5.0 m / 6.0 m / 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)		
Protection	Overcurrent, Overvoltage, Under voltage, Ground fault including DC leakage protection, Integrated surge protection		
Warranty	36 months*, extensions available		
* subject to regular maintenance by ND			
INTERFACE			
Communication interface	WiFi/ 3G / LTE / Ethernet, Modbus/M-Bus, USB port		
Protocols 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	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	2030 x 670 x 585 mm	2030 x 670 x 467 mm
Material to choose	Anti-vandal metal or heat-resistant stainless steel		
EXTERNAL INFLUENCE			
IP Rating	IP54		
Humidity	5% — 95%, non-condensing		
Operating Temperature	-35 °C — +55 °C		

