EV Charging Station NS – 22 kW
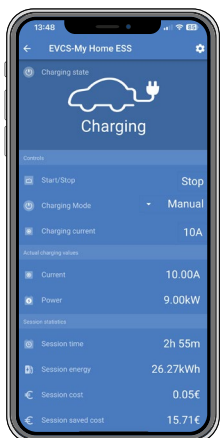
EV Charging Station NS

EV Charging Station NS - Front

Black, blue (default) or white front

VictronConnect app

High power EV Charging Station
The EV Charging Station NS has three-phase and single-phase capabilities. It delivers a maximum of 22 kW AC in three-phase or 7.3 kW in single-phase mode. It comes with a blue front. A black or white front can be purchased separately.

WiFi Communication
WiFi: 802.11 b/g/n for configuration, monitoring and control. The internal WiFi module can be configured in Access Point or Station mode for both, the initial setup and monitoring.

Easy operation and control via Bluetooth and the VictronConnect App
Get full control and overview of all operating parameters and session statistics at a glance.

Light Ring for fast viewing the device state
Fully programmable RGB Light Ring around the charging port to quickly determine the device state. It can be programmed from the integrated web interface to display different light effects based on the current state (disconnected, charging, charged etc.).

Three working modes available:
1. **Manual Mode to configure output current**
   Manual mode allows configurable output current between 6-32 A. The charging power can be regulated in different ways: by using the web interface, from a GX device and VRM and via VictronConnect. It allows to manually start or stop the charging process when a vehicle is connected to the charging station.

2. **Automatic Mode to ensure maximum PV system efficiency**
   Detects when excess power is available and uses only that power to charge the vehicle.

3. **Scheduled Mode to charge the EV at certain time intervals**
   A fully programmable scheduler allows charging at different time intervals, for example at certain times during the night when grid energy is cheaper.

Integration with GX devices and VRM
Control and monitor the EV Charging Station NS from a GX device touch display and the Remote Console and the VRM Portal. The VRM Portal also offers real time and custom reports for configurable time periods.

EV Charging Station NS	EVC200300200
Input voltage range (V AC)	170 – 265 VAC
Rated charge current	32 A / phase
Nominal power	22 kW
Current output range	6 – 32 A
WiFi standards	802.11 b/g/n (2.4 Ghz only)
Self-consumption	15 mA@230 V
Configurable Max. Current	10-32 A
Configurable Min. Current	6 A up to 1 A below max. value
Connector type	IEC 62196 Type 2
GENERAL	
Means to Disconnect	External circuit breaker (40 A recommended)
Configurable price/kWh calculator(Eur)	Default setting: 0.13 (adjustable)
Control type	Web page, GX Device over Modbus TCP, VictronConnect via Bluetooth
Light Ring	55 light configurable light effects available
Protection	External RCD is required
Operating temperature	-25 °C to +50 °C
Storage temperature	-40 °C to +80 °C
Humidity	95 %, non-condensing
Data communication	Modbus TCP over WiFi, Bluetooth
ENCLOSURE	
Enclosure colour	Light Blue (RAL 5012), Traffic Black (RAL 9017), Traffic White (RAL 9016)
Power terminals	6-10 mm² / AWG 10-8
Protection category	IP44
Ventilation	not required
Weight	3 kg
Dimensions (h x w x d)	372 x 292 x 122mm
STANDARDS	
Safety	IEC 61851-1, IEC 61851-22 Detection for Relay Contact welded Detection for missing protective conductor Detection for missing Ground Detection for shorted CP

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BLUE POWER