



EV CHARGING STATION CATALOG

Infocom s.r.o. is a Ukrainian manufacturer of EV charging stations. The company's specialists design and manufacture EV charging stations, developing software and a mobile application. Develops charging infrastructure for electric vehicles, as well as its own network of charging stations.

Solutions for convenient operation:

- Multi-billing support (multiple servers can be connected simultaneously)
- Free remote station monitoring
- Ethernet / Wifi / 3G, LTE modem - standard (no need for additional purchase)



Fast Charging Stations

In addition to conventional EV charging stations, Infocom s.r.o. produces fast charging stations with a capacity of 40 to 400 kW with various types of connectors: CCS Type 1 /Type 2, CHAdeMO, GB/T, NACS. They are able to charge 80% of an electric vehicle's battery in just 10-80 min, depending on the car's battery.

Fast charging stations are installed in parking lots of shopping and office centers, hotels and restaurants, fitness centers and beauty salons, as well as at gas stations and along streets and highways.

Advantages of fast EV charging stations UGV Chargers:

- Parallel charging via DC ports
- Dynamic power redistribution to DC ports (when power is released on one port, free power is redistributed to another port when charging in parallel)
- European components at the best prices
- Possibility of quick increasing the power of the station
- Support of OCPP platform for remote commercial use
- Ability to operate the station in Standalone mode
- RFID card support
- Individual protection of each power module and feedback on it
- Available with optional a video camera
- Available with optional payment terminal



Specifications of Fast DC Charging Stations

GENERAL SPECIFICATIONS		
1	AC source	3P+N+PE (3P+PEN)
2	AC voltage	400 V AC ± 10 %
3	Current frequency	50 / 60 Hz
4	Input circuit breaker *	Depending on the power of the station *
5	Surge protection *	SPD Type 1 + 2 20/50 kA with trip monitoring *
6	Output voltage range	DC: 150 - 1000 V
7	Output protection	High-speed fuse aR / 50kA
8	Insulation control *	Insulation monitoring relays with alarm * and trip outputs
9	Own power consumption: • in standby mode • with ventilation on • with anti-condensation heating	$\approx 100 - 130$ W (depending on the station configuration) ≈ 300 W ≈ 600 W
10	Cable output length from the body	4.5 m
11	Indication of station operating modes	LED backlight (indicates the battery charge level)
12	OCPP protocol support	1.6
13	Access and authorization	RFID card (Mifare standard) Mobile application / Website
14	Communication	Ethernet, WiFi, 3G / 4G
15	Body of station	2 mm German/Swedish steel, powder coating (German technology)
16	Assembling	Floor
17	Body protection class	IP54 / IK10
18	Operating temperature range	-25°C to $+50^{\circ}\text{C}$
19	Power factor	$>0,98$
20	Anti-condensation heating	500 W
21	Warranty	24 months

* Signals from these devices are entered into the general diagnostic system

Protection Systems and Accessories Installed in Fast Charging Stations

- individual protection of each power module and feedback on it
- overvoltage limiter at the input and indication of its status
- insulation monitoring relay, designed as a separate element
- anti-condensation heating, automatically triggers depending on the level of humidity and temperature

MAIN COMPONENTS

1	CHAdEMO controller	SIEMENS AG
2	CCS Combo 2 controller	SIEMENS AG
3	CHAdEMO connector	Sumitomo Electric Device Innovations, Inc / Degson
4	CCS Combo 2 connector	Phoenix Contact
5	Microclimate system	Alfa Electric / Blauberg
6	Insulation monitoring relay	SIEMENS / Phoenix Contact
7	Safety relay	SIEMENS / Phoenix Contact
8	Overvoltage protection at the SPD input	ETI
9	Relays and terminals	Phoenix Contact
10	Body	Rittal



Overview of the Charging Station Complete Set for Fast Charging with AC



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Model Number: UGV-96C-F-J14T22H60C60-S-RMH-EU

- UGV**: Brand accent
- : Separator
- A**: Input voltage waveform
 - A: AC/alternating current
 - D: DC/direct current
- 96**: Input power of station in kW
- C**: Current waveform port type
 - A: AC / alternating current
 - D: DC / direct current
 - C: AC DC / combined
- F**: Station type
 - W: Wall / wall-mounted
 - G: Ground / to the floor
 - I: wireless / contactless
 - F: City Format
 - FM: City Format Mini
 - M: Mobile / mobile
- : Separator
- J**: Port type
 - O: Outlet / Outlet Type 2
 - J: J1772 / Type 1 cable
 - T: Type 2 cable
 - H: CHADEMO
 - C: CCS / Combo2 / Combo1
 - G: GB/T
 - S: Schuko socket
 - N: NACS
- 14**: Port output power
 - 7: 7 kW for O, J, T
 - 11: 11 kW for O, J, T
 - 14: 14 kW for O, J, T
 - 22: 22 kW for O, J, T
 - 29: 29 kW for O, J, T
 - 40: 40 kW for H, C, G
 - 44: 44 kW for O, J, T
 - 50: 50 kW for H, C, G
 - 60: 60 kW for C, G
 - 80: 80 kW for C, G
 - 120: 120 kW for C, G
 - 160: 160 kW for C, G
 - 240: 240 kW for C, G
 - 320: 320 kW for C, G
 - 400: 400 kW for C, G
- T**: Simultaneity of DC ports
 - S: Single / Only involved one DC port
 - D: Dual / Two DC ports can operate simultaneously
- 22**: Port output power (repeated)
- H**: Port output power (repeated)
- 60**: Port output power (repeated)
- C**: Port output power (repeated)
- 60**: Port output power (repeated)
- : Separator
- S**: Options
 - A: Audio
 - B1: power balancing (communication with an external meter via Ethernet)
 - B2: power balancing (communication with an external meter via RS485)
 - C: Camera
 - H: HMI / touch panel
 - M: Modem 3G / 4G
 - R: RFID / NFC
 - T: payment terminal
 - U: UPS
- : Separator
- R**: Options (repeated)
- M**: Options (repeated)
- H**: Options (repeated)
- : Separator
- EU**: Options (repeated)

Flexible Charging Solutions with Optional Payment Terminals

UGV Chargers offers a full range of fast (DC) and slow (AC) charging stations — both with and without integrated payment terminals.

Payment terminal is available as an optional feature for all UGV Chargers models, including wall-mounted, floor-mounted, and ultra-fast stations.

Why choose a payment terminal?

- **No app required:** Users can start charging instantly without registration
- **Supports multiple payment methods:** Bank cards (contactless/chip), NFC
- **Ideal for public locations:** Shopping malls, fuel stations, hotels, parking lots
- **Boosts customer trust:** Clear transaction process, receipts, and local currency support
- **Generates revenue:** Enables seamless monetization of your charging infrastructure
- **Works 24/7:** Independent operation even without the mobile app



NEW | Ultra-Fast DC Charging Station 400 kW

UGV Chargers presents a next-generation 400 kW ultra-fast charging station with four simultaneous DC outputs. Ideal for highway hubs, parking facilities, and fleet operators, it ensures rapid charging and maximum infrastructure efficiency.

Key Technical Features:

- **Total output power:** 400 kW
- **Charging configuration:**
 - 1 × CCS2 = up to 400 kW
 - 2 × CCS2 = up to 200 kW each
 - 4 × CCS2 = 120 kW + 80 kW + 120 kW + 80 kW
- **Output voltage:** 150–1000 V DC
- **Max output current:** up to 500 A peak (CCS2)
- **Dynamic power distribution** across 1 to 4 EVs
- **Cable length:** 5 m
- **OCPP 1.6 supported** (2.0.1 upgrade available upon request)
- **Connectivity:** Ethernet / Wi-Fi / 3G / 4G



NEW | Ultra-Fast Charger 320 kW

UGV Chargers introduces a new generation of ultra-fast charging stations with a total output power of 320 kW. The station supports up to four simultaneous DC charging ports, including CCS Combo 2, GB/T, CHAdeMO, and NACS.

Key Technical Features:

- Output power: up to 320 kW total, 500 A peak per CCS port
- Charging from 10% to 80% in under 30 minutes
- Dynamic power distribution between 1 to 4 EVs
- Supports all major standards: CCS, CHAdeMO, GB/T, NACS
- Built-in OCPP 1.6, RFID, and mobile app authentication
- Integrated payment terminal available as an optional feature

The 320 kW ultra-fast charger is designed for installation at outdoor parking lots and gas stations. Charging cables on both sides of the station allow for compact and simultaneous charging of up to four EVs.



NEW | Ultra-Fast Charger 320 kW

The 320 kW ultra-fast charging station from UGV Chargers represents the latest design combined with industrial-grade quality. This charging station can charge electric vehicles from 10% to 80% in under 30 minutes.

It supports all major charging standards: CCS Combo 2, GB/T, CHAdeMO and NACS, making it compatible with various electric vehicles. You can choose any combination of charging ports
2 × CCS + GB/T + NACS

320 kW

DC

CHAdeMO
CCS, NACS
GB/t



DC charging stations (320kW)	
Model	UGV-FC-A320
Charging mode	Mode 4
DC charging ports	CHAdeMO, 2 x CCS2, GB/T, NACS
Station capacity	320 kW
Maximum output power	CHAdeMO - 50 kW per port 2 x CCS2 - 320 kW per port GB/T - 320 kW per port When few ports operate at the same time, the power is evenly divided between them (but does not exceed the maximum port capacity)
Maximum DC output current	CHAdeMO - 125 A 2 x CCS2 – up to 500 A GB/T – up to 500 A
Dimensions (HxWxD)	2000x800x800 mm
Weight, kg	995
Installed options	NFC / RFID, 3G / 4G modem, touch panel

Ultra-Fast Charger 240 kW



The most powerful charging station in the line of UGV Chargers is the **Fast Charger 240 kW station**.

It is equipped with four DC fast charging ports: CHAdeMO, CCS Combo, GB/T and NACS.

The new four-port stationary electric charging station of 240 kW is designed for charging cars with capacity up to:

- 240 kW (cable CCS)
- 50 kW (cable CHAdeMO)
- 240 kW (cable GB/T)
- 240 kW (cable CCS)

UGV Chargers support simultaneous charging of all ports, distributing power between ports. The dynamic distribution system allows to redistribute/balance power between cars in a matter of seconds.

Only the new 240 kW station is capable of CCS2 charging with a current up to 500 A, and GB/T charging with current up to 400 A.

Ultra-Fast Charger 240 kW

The most powerful Fast Charger charging stations, in a classic case, are equipped with three or four DC fast charging ports. In addition to the most common CHAdeMO and CCS, the GB/T port enables fast charging of Chinese-made electric vehicles, NACS.

They are installed by the ground method. They can have different configurations in terms of the power of the charging ports. Three or four DC ports can work simultaneously with power sharing.

All models are available with an integrated payment terminal.

240 kW

DC

CHAdeMO
NACS, CCS
GB/t



DC charging stations (240kW)	
Model	UGV-FC-A240
Charging mode	Mode 4
DC charging ports	CHAdeMO, 2 x CCS2, GB/T, NACS
Station capacity	240 kW
Maximum output power	CHAdeMO - 50 kW per port 2 x CCS2 - 240 kW per port GB/T - 240 kW per port When few ports operate at the same time, the power is evenly divided between them (but does not exceed the maximum port capacity)
Maximum DC output current	CHAdeMO - 125 A 2 x CCS2 – up to 500 A GB/T – up to 400 A
Dimensions (HxWxD)	2000x800x800 mm
Weight, kg	600
Installed options	NFC / RFID, 3G / 4G modem, touch panel

Fast DC Stations Fast Charger

80, 120, 160 kW

DC

Powerful **Fast Chargers**, in a classic case, are equipped with three DC fast charging ports. In addition to the most common CHAdeMO and CCS, the GB/T port enables fast charging of Chinese-made electric vehicles, NACS.

Installed on the ground. They can have a different configuration in terms of the power of the ports for charging. Two or three DC ports can work simultaneously with power distribution.

All models are available with an integrated payment terminal.

CHAdeMO
CCS
GB/T



DC charging stations (80/120/160)			
Model	UGV-FC-A80	UGV-FC-A120	UGV-FC-A160
Charging mode	Mode 4, Mode 3		
DC charging ports	CHAdeMO, CCS 2 and GB/T		
Station capacity	80 kW	120 kW	160 kW
Maximum output power	CHAdeMO - 50 kW per port CCS 2 - 80 kW per port GB/T - 80 kW per port When few ports operate at the same time, the power is evenly divided between them (but does not exceed the maximum port capacity)	CHAdeMO - 50 kW per port CCS 2 - 120 kW* per port GB/T - 120 kW* per port When few ports operate at the same time, the power is evenly divided between them (but does not exceed the maximum port capacity)	CHAdeMO - 50 kW per port CCS 2 - 160 kW* per port GB/T - 160 kW* per port When few ports operate at the same time, the power is evenly divided between them (but does not exceed the maximum port capacity)
Maximum DC output current	CHAdeMO - 125 A, CCS 2 - 220 A, GB/T - 250 A	CHAdeMO - 125 A, CCS 2 - up to 350 A, GB/T - 300 A	CHAdeMO - 125 A, CCS 2 - up to 350 A, GB/T - 300 A
Dimensions(HxWxD)	1900x800x600 mm		
Weight, kg	290	350	390
Installed options	NFC / RFID, 3G / 4G modem, touch panel		

* Capacities over 100kW for CCS and GB/T are only available with EV battery voltage from 410V to 1000V

Fast DC Stations Fast Charger

120, 160 kW

Powerful **Fast Chargers**, in a classic case equipped with two DC fast charging ports and one or two AC slow charging ports, can charge large number of electric vehicle models.

They are installed on the ground. They can have different configurations in terms of the power of the ports for charging. Two DC ports can work simultaneously with power distribution.

All models are available with an integrated payment terminal.

CHAdemo
CCS
GB/T



Charging stations DC (120/160)

Model	UGV-FC-A120	UGV-FC-A160
Charging mode	Mode 4, Mode 3	
DC charging ports	CHAdemo, CCS 2, GB/T	
Station capacity / DC output power	142 kW/120 kW	182 kW/160 kW
Maximum output power	CHAdemo - 50 kW per port CCS 2 - 120 kW* per port GB/T - 120 kW* per port When few ports operate at the same time, the power is evenly divided between them	CHAdemo - 50 kW per port CCS 2 - 160 kW* per port GB/T - 160 kW* per port When few ports operate at the same time, the power is evenly divided between them
Maximum DC output current	CHAdemo - 125 A, CCS 2 - 350 A, GB/T - 300 A	CHAdemo - 125 A, CCS 2 - 350 A, GB/T - 300 A
AC charging port **	Type 2 - 22 kW, Type 1 - 7 kW , GB/T AC – 7/22 kW	
Dimensions (HxWxD)	1900x800x600 mm	
Weight, kg	350	390
Installed options	NFC / RFID, 3G / 4G modem, touch panel	

* Capacities over 100kW for CCS and GB/T are only available with EV battery voltage from 410V to 1000V

** Additional equipment with one or two AC ports to choose

Fast DC Stations Fast Charger

60, 80 kW

DC
AC

Fast Charger charging stations, in a classic case, equipped with two DC fast charging ports and one or two AC slow charging ports, can charge large number of electric vehicle models.

They are installed on the ground. They can have different configurations in terms of the power of the ports for charging.

Two DC ports can work simultaneously with power distribution.

All models are available with an integrated payment terminal.

CHAdemo
CCS
GB/T



Two-port charging stations DC (60/80)

Model	UGV-FC-A60	UGV-FC-A80
Charging mode	Mode 4, Mode 3	
DC charging ports	CHAdemo, CCS 2, GB/T	
Station capacity / DC output power	82 kW / 60 kW	102 kW / 80 kW
Maximum output power	CHAdemo - 50 kW per port / 30 kW with two ports running CCS 2 - 60 kW per port / 30 kW with two ports running GB/T - 60 kW per port / 30 kW with two ports running	CHAdemo - 50 kW per port / 40 kW with two ports running CCS 2 - 80 kW per port / 40 kW with two ports running GB/T - 80 kW per port / 40 kW with two ports running
Maximum DC output current	CHAdemo - 125 A, CCS 2 - 165 A, GB/T - 165 A	CHAdemo - 125 A, CCS 2 - 220 A, GB/T - 250 A
AC charging port *	Type 2 - 22 kW, Type 1 - 7 kW , GB/T AC – 7/22 kW	
Dimensions(HxWxD)	2150x600x600 mm	
Weight, kg	290	290
Installed options	NFC / RFID, 3G / 4G modem, touch panel	

* Additional equipment with one or two ports to choose

Fast DC Stations Fast Charger

Fast Charger charging stations, in a classic case, equipped with one DC fast charging port, and can be additionally equipped with one AC port by your choice.

They are installed on the ground.

Lowest price, high reliability, required functionality.

All models are available with an integrated payment terminal.



Single-port charging stations DC (40)			
Model	UGV-FC-A40		
Charging mode	Mode 4		Mode 4, Mode 3
DC charging ports	CHAdeMO	CCS Combo 2	CHAdeMO
Station capacity / DC output power	40 kW/40 kW	40 kW/40 kW	62 kW/40 kW
Maximum output power	CHAdeMO – 40 kW without power sharing	CCS Combo 2 – 40 kW without power sharing	CHAdeMO – 40 kW
Maximum DC output current	CHAdeMO – 130 A	CCS Combo 2 – 130 A	CHAdeMO – 130 A
AC charging port *	-	-	Type 2 - 22 kW
Dimensions (HxWxD)	1500x631x470 mm		
Weight, kg	180		220
Installed options	NFC / RFID, 3G / 4G modem		

* Additional equipment with one AC port to choose: Type 1 - 7 kW, or Type 2 - 22 kW

Fast Charging Stations CITY FORMAT

Developing the urban infrastructure of EV charging stations, **UGV Chargers** have launched the **CITY FORMAT** fast charging station. Stylish design, vandal-proof body, city-light advertising surface and movable LED-line on top - all this makes fast charging stations ideal for city highways, streets and stops. Fast EV charging stations can even be installed on a lamppost and connected to the power supply from the trolleybus line network.



On the front of the EV charging station **CITY FORMAT** by **UGV Chargers**, on both sides, there are additional illuminated spaces that you can use to place your company's advertising or branding (city-light).

Advertising spaces of charging stations are equipped with a running LED - line, which will effectively distinguish you from competitors. Earn additional passive ad income and enhance your brand uniqueness among EV owners.

Commercial use of **CITY FORMAT** is possible through connection to the software service via the OCPP protocol to any network.

UGV Chargers is the operator of EV charging stations network to which you can connect your station.

Overview of the CITY FORMAT Charging Station Complete Set



Fast DC Stations CITY FORMAT MAX

80, 120, 160 kW

CITY FORMAT MAX is equipped with illuminated glass side surfaces for branding or advertising (city-light type). The LED line will effectively make you stand out from the competitors.

Additional passive income from Ad placement on side surfaces.

Two DC ports can work simultaneously with power distribution.



Charging stations DC (80/120/160) CHAdeMO + CCS Combo + AC Type 1

Model	UGV-A87CF-H50C80J7-D-RMH	UGV-A127CF-H50C120J7-D-RMH	UGV-A167CF-H50C160J7-D-RMH
Charging mode	Mode 4, Mode 3		
DC charging ports	CHAdeMO та CCS 2		
Station capacity / DC output power	87 kW / 80 kW	127 kW / 120 kW	167 kW / 160 kW
Maximum output power	CHAdeMO - 50 kW per port, 40 kW with two ports running CCS 2 80 kW per port, 40 kW with two ports running	CHAdeMO ports - 50 kW per port, 40 kW with two ports CCS 2 120 kW * per port, 80 kW with two ports running	CHAdeMO ports - 50 kW per port, 40 kW with two ports CCS 2 - 160 kW * per port, 120 kW with two ports running
Maximum DC output current	CHAdeMO - 125 A CCS 2 - 200 A	CHAdeMO - 125 A CCS 2 – up to 350 A	CHAdeMO - 125 A CCS 2 – up to 400 A
AC charging port *	Type 1 - 7 kW		
Dimensions (HxWxD)	2140x1320x410 mm		
Weight, kg	300	320	350
Installed options	NFC / RFID, 3G / 4G modem, touch panel		

* CCS capacity of more than 100 kW are attained only under condition that the EV battery voltage is in range from 600V to 800V.

** Additional equipment with one or two AC ports to choose: Type 1 - 7 kW, Type 2 - 22 kW, Type 2 - 22 kW (socket), Type 1 + Type 1, Type 2 + Type 2, Type 1 + Type 2 and other combinations

Fast DC Stations CITY FORMAT MINI

40, 60, 80 kW

The suspended structure of the **CITY FORMAT MINI** station allows it to be installed without reducing the urban pedestrian space and close to the transport infrastructure.

CITY FORMAT has illuminated glass side spaces - for branding or advertising (city-light type). The LED line will effectively make you stand out from the competitors. Earn additional passive income from Ad placement.



Charging stations DC (80/120/160) CHAdeMO + CCS Combo + AC Type 1

Model	UGV-A47CFM-H40C40J7-S-RMH	UGV-A67CFM-H50C60J7-D-RMH	UGV-A87CFM-H50C80J7-D-RMH
Charging mode	Mode 4, Mode 3		
DC charging ports	CHAdeMO та CCS 2		
Station capacity / DC output power	47 kW / 40 kW	67 kW / 60 kW	87 kW / 80 kW
Maximum output power	CHAdeMO - 40 kW per port, 20 kW with two ports CCS 2 - 40 kW per port, 20 kW with two	CHAdeMO ports - 50 kW per port, 30 kW with two ports CCS 2 - 60 kW per port, 30 kW with two	CHAdeMO ports - 50 kW per port, 40 kW with two ports CCS 2 - 80 kW per port, 40 kW with two ports running
Maximum DC output current	CHAdeMO - 100 A CCS 2 - 100 A	CHAdeMO - 125 A CCS 2 - 150 A	CHAdeMO - 125 A CCS 2 - 200 A
AC charging port *	Type 1 - 7 kW		
Dimensions (HxWxD)	1500x1000x400 mm		
Weight, kg	250	270	290
Installed options	NFC / RFID, 3G / 4G modem, touch panel		

* Additional equipment with one or two AC ports to choose: Type 1 - 7 kW, Type 2 - 22 kW, Type 2 - 22 kW (socket), Type 1 + Type 1, Type 2 + Type 2, Type 1 + Type 2 and other combinations

Mobile Charging Stations

Infocom s.r.o. has developed a solution for fast charging of electric vehicles away from stationary charging stations. The minibus-based mobile charging station is equipped with CHAdeMO, CCS Combo 2 and GB/t fast charging ports.



The solution combines a 40 kW internal combustion engine - generator and a 40 kWh battery. The total charging output power is 80kW, it can be output to one port or split between ports.

It is important to use mobile fast charging stations that can charge 80% of an electric vehicle's battery in just 40-60 minutes, depending on the car battery, under the conditions of a long distance between cities and a poorly developed infrastructure of charging stations.

DC mobile charging station (80) CHAdeMO + CCS Combo 2 + GB/T	
DC charging ports	CHAdeMO, CCS 2, GB/T
Station power	80 kW
Generator power (diesel/gas)	40 kW
Battery storage capacity	40 kWh
Maximum output power	CHAdeMO - 50 kW per port, 40 kW with two ports running CCS 2 - 80 kW per port, 40 kW with two ports running GB/T- 80 kW per port, 40 kW with two ports running
Maximum DC output current	CHAdeMO - 125 A CCS 2 - 250 A GB/T- 250 A
Installed options	NFC / RFID, 3G / 4G modem, touch panel
Additional service options	Coffee machine, vending machine

Overview of the Mobile Charging Station Complete Set



TFT TOUCH PANEL

with high brightness and graphical visualization of the charging process

VARIATIONS

by a set of connectors
CHAdeMO, CCS Type 1/2
or GB/T

MOBILITY

fast delivery of the station to
the desired point indicated by
the customer

ADDITIONAL SERVICES

the car is equipped with a coffee
machine and a vending machine
for the convenience of users

AC Charging Stations (slow)

AC charging stations (slow) are very popular among UGV Chargers' clients. Although they charge electric cars more slowly, they attract with their price.



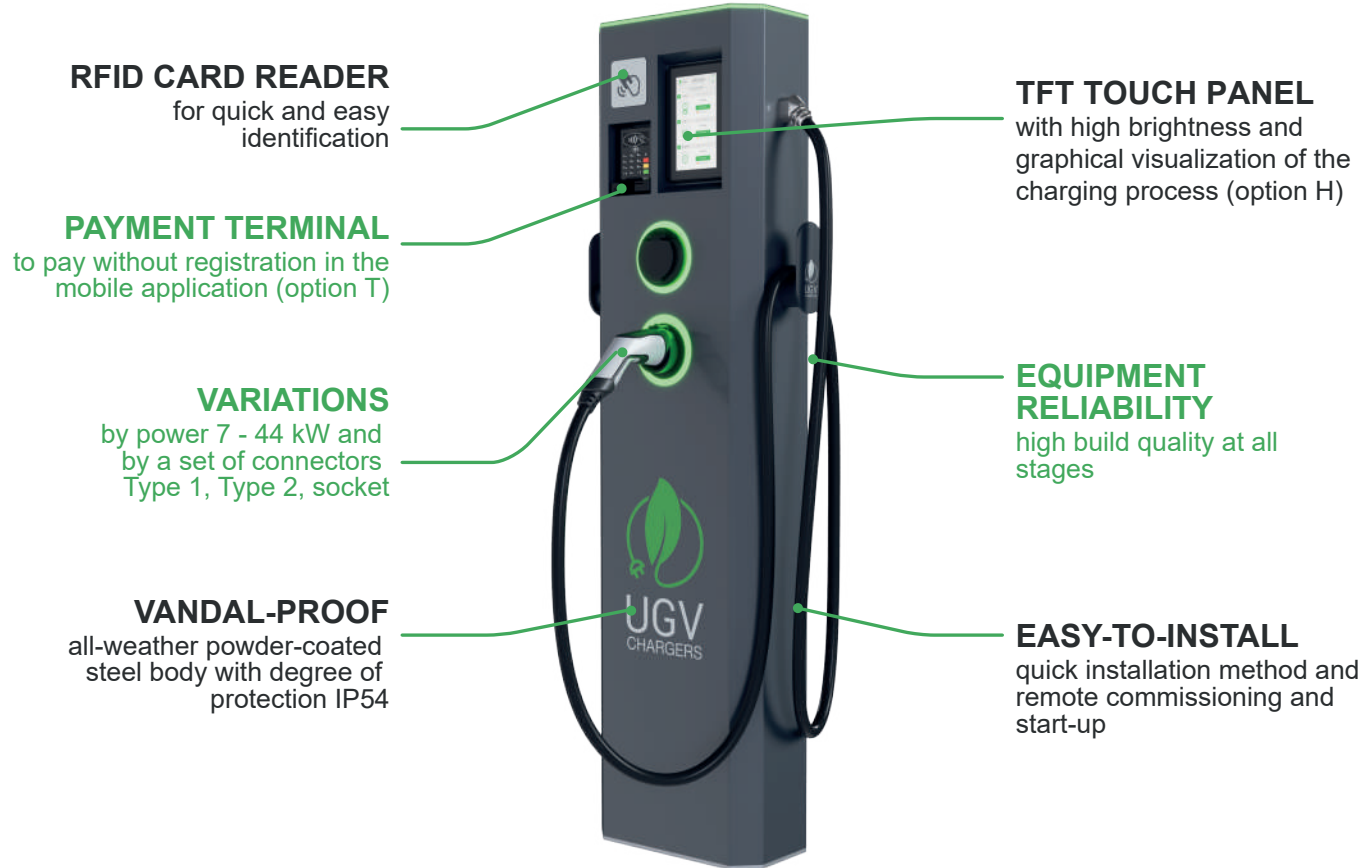
We manufacture one and two port AC charging stations. Two-port floor stations are installed on the territories of large shopping and business centers, in sports clubs and restaurants and other establishments.

As for single-port wall solutions, they are mostly installed in small office buildings, adjoining territories of condominiums, buildings, in private households.

AC charging stations operate autonomously. They have a waterproof, vandal-proof body and are equipped with a socket-outlet or a built-in cable.

Commercial use of UGV Chargers charging stations occurs through the connection to the software service via the OCPP protocol to any network. UGV Chargers is the operator of EV charging stations network to which you can connect your station.

AC Charging Station Package Overview



2-port floor-mount AC charging stations, Model G



Stationary commercial floor-mounted charging stations UGV Chargers are designed to be installed on the territory of your business.

The stations are offered for installation at gas stations, parking lots of Business and Shopping centers, restaurants, hotels and other business facilities. Charging stations, depending on the needs of the customer, can be completed with ports for cables, sockets, or be combined (cable + socket).

The installation requires the supply of a dedicated power line to the place of its installation, depending on its capacity.

All UGV Chargers models are available with an integrated payment terminal.



Charging an electric vehicle from a charging station of this configuration will take up to 4 hours, depending on the battery capacity of the electric vehicle and the charge level.

Execution options

Dimensions (HxWxD) 1265x430x195 mm

UGV-A14AG-O7O7-R-EU - 2 sockets Type 2

7 + 7 kW

UGV-A14AG-J7T7-R-EU - Type 1 (J1772) / Type 2 cables

UGV-A14AG-O7J7-R-EU - Type 1 cable (J1772) + Type 2 socket

UGV-A14AG-O7T7-R-EU - cable Type 2 + socket Type 2

UGV-A14AG-J7J7-R-EU - 2 cables Type 1 (J1772)

UGV-A14AG-T7T7-R-EU - 2 cables Type 2

Power - 7 + 7 kW, single phase

Current - 32 A per port

Built-in RFID module

OCPP 1.6 support

LED indication of operating modes

Cable output length from the body - 4.5 m

UGV-A29AG-J7T22-R-EU - cable Type 1 + cable Type 2

22 + 7 kW

UGV-A29AG-O22J7-R-EU - socket Type 2 + cable Type 1 (J1772)

UGV-A29AG-O7T22-R-EU - socket Type 2 + cable Type 2

Power - 22 + 7 kW, single phase

Current - 32 A per port

Built-in RFID module

OCPP 1.6 support

LED indication of operating modes

Cable output length from the body - 4.5 m

UGV-A44AG-O22O22-R-EU – 2 sockets Type 2

22 + 22 kW

UGV-A44AG-T22T22-R-EU – 2 cables Type 2

UGV-A44AG-O22T22-R-EU - socket Type 2 + cable Type 2

Power - 22 + 22 kW, single phase

Current - 32 A per port

Built-in RFID module

OCPP 1.6 support

LED indication of operating modes

Cable output length from the body - 4.5 m



Single port wall mount AC charging stations commercial, Model W



Stationary wall-mounted commercial electric charging stations UGV Chargers are designed to be installed on the territory of your business.

The stations are offered for installation at gas stations, parking lots of Business and Shopping centers, restaurants, hotels and other business facilities. Stationary wall-mounted EV charging stations can also be installed on the territory of a private house, in its own parking space or in a garage.

In this case, non-commercial use of the charging station is possible. The installation requires a dedicated power supply line to the place of installation, depending on its capacity.

All UGV Chargers models are available with an integrated payment terminal.



Charging an electric vehicle from a charging station of this configuration will take up to 4 hours, depending on the battery capacity of the electric vehicle and the charge level.

Execution options

Dimensions (HxWxD) 550x330x170 mm

UGV-A7AW-O7-R-EU – socket Type 2 **7 kW**
UGV-A7AW-J7-R-EU – cable Type 1 (J1772)

Power - 7 kW, single phase
Current strength - 32 A
Built-in RFID module
OCPP 1.6 support
LED indication of operating modes
Cable output length from the body - 4.5 m

UGV-A22AW-T22-R-EU – cable Type 2 **22 kW**
UGV-A22AW-O22-R-EU – socket Type 2

Power - 22 kW, single phase
Current strength - 32 A
Built-in RFID module
OCPP 1.6 support
LED indication of operating modes
Cable output length from the body - 4.5 m



2-Port Wall Mount AC Charging Stations Commercial, Model W



Charging stations, depending on the needs of the customer, can be completed with: ports for cables, sockets, or be combined (cable + socket).

All UGV Chargers models are available with an integrated payment terminal.

Execution options

Dimensions (HxWxD) 650x330x170 mm

7 + 7 kW

UGV-A14AW-O7O7-R-EU – 2 sockets Type 2

UGV-A14AW-J7T7-R-EU – 2 cables Type1(J1772)/Type 2

UGV-A14AW-O7T7-R-EU – cable Type 2 + socket Type 2

UGV-A14AW-J7J7-R-EU – 2 cables Type 1

UGV-A14AW-T7T7-R-EU – 2 cables Type 2

Power - 7+7 kW, single phase

Current strength - 32 A

Built-in RFID module

OCPP 1.6 support

LED indication of operating modes

Cable output length from the body - 4.5 m

Single-Port Wall-Mounted Commercial AC Charging Stations with Placement on Electric Charging Poles



Stationary wall-mounted commercial EV charging stations UGV Chargers in combination with an electric generating system on solar panels, are installed on electric lighting poles, or special electric charging poles.

EV Charging stations in this combination are equipped with a Type 2 connector (7 kW) for charging electric vehicles or a Type F socket (220 V, Shuko) for charging electric bicycles, scooters, etc.

Stations are offered for installation on electric lighting poles along roads in places where parking is allowed.

Stations can be powered by solar energy with power supply from the mains depending on the intensity of solar radiation.



SOLAR PANELS

for charging electric cars with solar energy

LED BACKLIGHT

charging ports and charging status indication

RFID CARD READER

for quick and easy identification

VARIATIONS

on a set of connectors
Type 2, socket (Shuko)

ANTI-VANDAL

all-weather body made of powder-coated steel with IP54 protection degree

EASY TO INSTALL

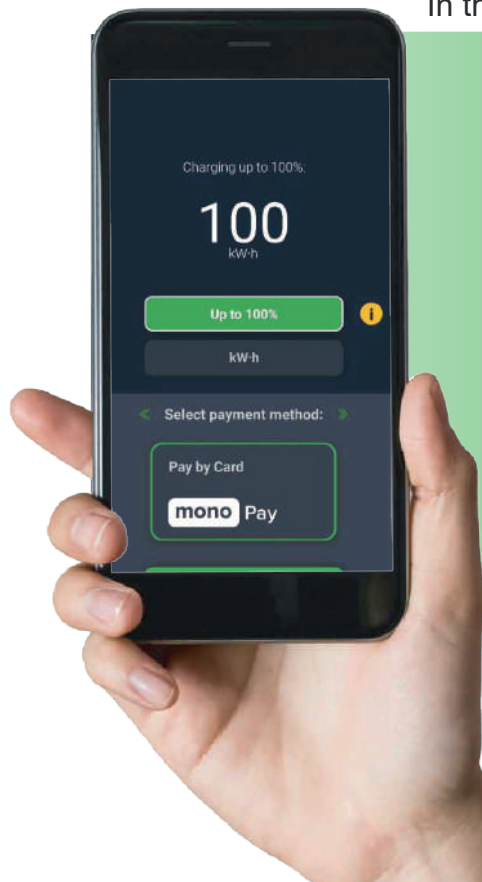
fast installation method and remote commissioning and launching



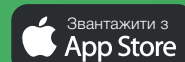
UGV Chargers Mobile Application / website

on-line service for charging electric cars and paying for sessions, as well as a platform for technical monitoring and dispatching.

In the **UGV Chargers** App / on the website, the following are available:



-  searching of stations on the map
-  routing the selected station
-  exercising a charging session
-  possibility to reserve a station
-  mobile wallet for paying the sessions
-  statistics of all charging sessions
-  receiving charging messages
-  ability to charge an electric car without registration in the "guest" mode



Download the **UGV Chargers** Mobile App and manage your Personal Account.

You can also register and use your Personal Account on the website



Convenient User Menu - Interface is Embedded in Charging Station

The client sees all the parameters of the charging process, including the current charge level of electric vehicle battery.



The touchscreen system provides durability and reduces the risk of mechanical wear and tear for physical buttons.

Convenient menu with multilingual support: Ukrainian, Russian, English.

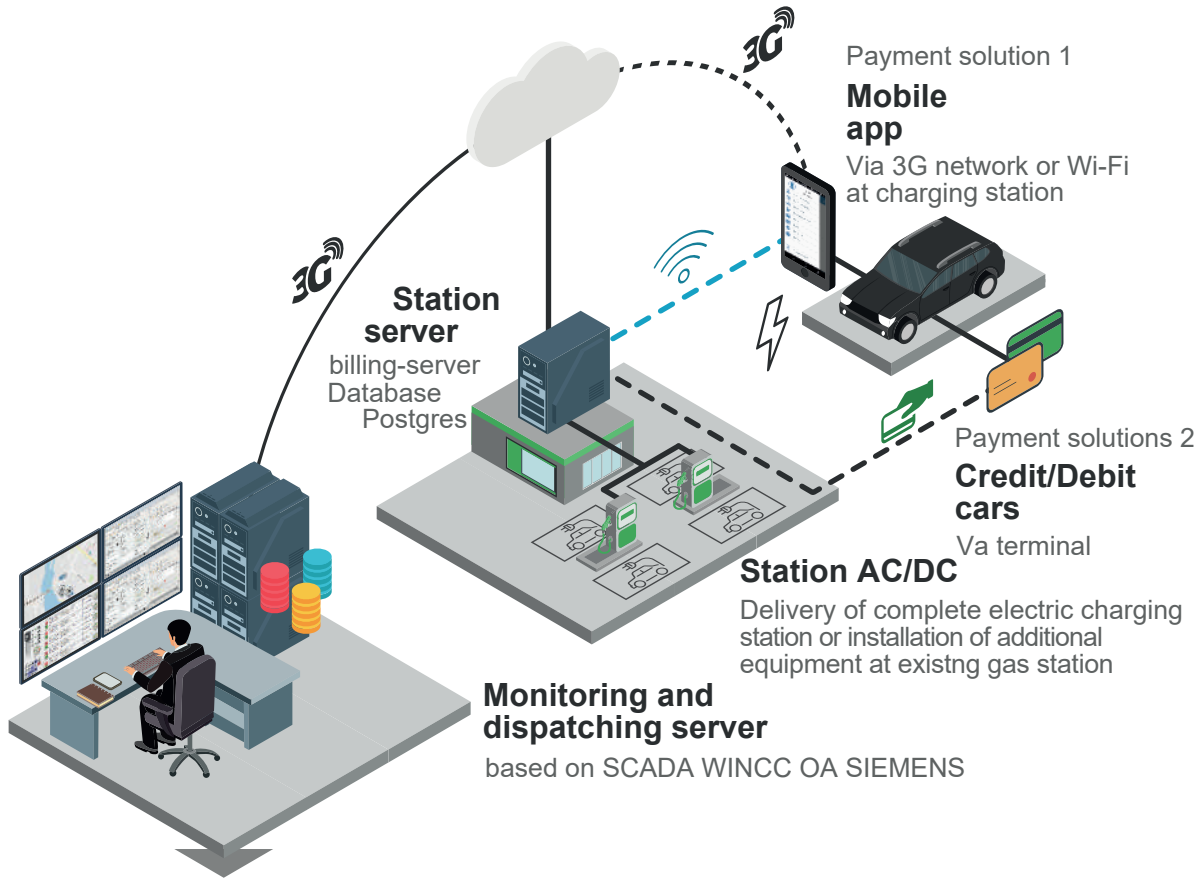
High-quality and detailed image.



The ability to embed advertising content while the station is in standby mode.

White Label Software

Manage your EV charging network with our White Label turnkey solution on a ready-made platform that you can configure and use right now.



Your logo

Your logo will be displayed in the Mobile app or website

Your colors

You can customize the main and background colors of menus, buttons, pins and main elements of website or Mobile App

Icons

You can choose your individual icons, their colors etc.

Branding of EV charging stations on your requirements

This is what our station looks like



This is what your station could look like



You can choose the colour of the charging station and the location of your logo

Connector Overview



Type 1

Standard 5-pin AC slow charging connector. Charging is performed from a single-phase AC network of 230 V voltage, 32 A (maximum power 7.4 kW) current. Typical for most American and Asian cars.



Type 2

7 pin connector for slow charging with alternating current (AC). Charging is carried out from a single-phase or three-phase alternating current network with voltage up to 400 V, current up to 63 A (maximum power up to 74 kW). Typical mainly for European cars and a number of Chinese cars after adaptation.



CHAdeMO

2-pin connector for fast charging with direct current (DC). It is used on powerful stations operating in Mode 4 mode, for direct current charging up to 125 A with voltage up to 500 V, (maximum power up to 62.5 kW). Used to charge most Japanese, American and some European vehicles.



**CCS
Combo 1/2**

Combo connector for fast charging with direct current (DC) and slow charging with alternating current (AC). At powerful stations, it can charge with direct current up to 250 A with 200-1000 V (maximum power up to 160 kW). CCS Combo 1 connector is a combined J1772 connector, common in the USA and Japan. CCS Combo 2 combined with Type 2, typical for European cars and common in European stations with CHAdeMO.



GB/T

9-pin connector for fast charging with direct current maximum throughput capacity of 900 kW/h at a current of 600 A and a voltage of 1.4 kV. Only electric cars and hybrids made for China are compatible with these connectors.



NACS

The NACS connector is a compact, high-performance DC charging interface developed by Tesla and now widely adopted across North America. It supports fast charging at high voltage and current levels, ensuring compatibility with a growing number of EV models and future-ready infrastructure.

Declaration of Compliance

European Certificate of Compliance

Certificate of Compliance



 ia.ua
 ugv.ua
 info@ugv.ua

 +38 (050) 327 50 07
 +38 (067) 212 05 07
 +38 (067) 235 47 17
 +38 (050) 100 97 96