



CHARGING AT HOME • BUSINESS SOLUTIONS • E - BIKE STATIONS

# WE UNDERSTAND **THE FUTURE**

● CATALOGUE OF CHARGING STATIONS

# WHY US

## Flexible solutions

Do you want to charge at home or share the experience of charging with others? Among our products you always find a charging station perfect for you.

## Rent

Do you want to lower the initial expenses and start making money by charging right away? You can rent our charging stations!

## Guidance

Are you not sure which charging station is suitable for you? Our team will gladly help you to choose the right one.

## Compatibility

Our charging stations are compatible with all commonly available electric vehicles.

## Individual approach

Do you need some features adjust to your needs? Are you interested in a solution that accurately illustrates your requirements? Our technical department is here for you.

## Connection to charging infrastructure

Purchasing of our product, you get a chance to be a part of the fastest growing charging infrastructure in Slovakia.

## Wide selection of services

In our company we know it is not only about products. And that is why we offer a wide selection of services and features that makes the charging more comfortable.



# PORTABLE CHARGING STATION

## PORTY

Small and compact portable AC charging station allows charging of your car's battery through one of numerous changeable connectors - through standard power grid or a socket charging station. You can set up an output current with a button on a charging station itself. Available are four options of an output current and option for a wireless power regulation. Inclusion of a OCPP protocol allows unit to be used as a fleet solution. Available in three versions: **Lite, Smart and Fleet.**

### DETAILS

Maximum charging power	22 kW
Output current - configurable	10 A/16 A/20 A/32 A
Input voltage	230/400 V, 50 Hz AC
Operating temperature	-25 to + 45 °C
Protection level	IP55
Humidity	max 95% non-condensing
Connector to vehicle	Plug Type 2, cable length 5 m
Connector to grid	Changeable, numerous options
Communication	WiFi, 4G
Environment	Indoor and outdoor

### FEATURES:

- Fault signalization
- Communication with a mobile app through WiFi or 4G
- Built-in consumption measurement
- OCPP protocol
- GPS module for location tracking of your charging

### OPTIONS:

- Wireless power regulation through an app
- PV regulation ready
- Power regulation:
  - Through WiFi: using external energy meter.
- Wide grid connector selection:
  - 230 V/16 A (standard socket)
  - 230 V/32 A (industrial socket)
  - 400 V/16 A
  - 400 V/32 A
  - Type 2/16 A
  - Type 2/32A
- Rubber protective cover and wall bracket
- Fabric packaging or a case



# HOME AC CHARGING STATION

## HOMEBOX

Charging has never been easier! Comfortable and easy to use home charging station with smart features, that allows you to charge your car at your house.

Builtin Type 2 cable or socket is suitable for all commonly available electric vehicles.

Station includes OCPP protocol and WiFi module.

### DETAILS

Maximum charging power	22 kW		
Input voltage	400 V, 50 Hz		
Maximum input current	32 A		
Operating temperature	-25 až + 45 °C		
Protection level	IP54		
Humidity	max 95% non-condensing		
Certification	CE		
Output	Plug Type 2		
Output type	Socket	Straight cable	Spiral cable
Cable length	-	5m	3.5m
Communication	WiFi		
Environment	Indoor and outdoor		
Option of a power regulation	External inputs / Wireless / MODBUS		

### FEATURES:

- Communication with a mobile app through WiFi
- Consumption measurement
- Connection to a PV system
- LED status indication
- Includes OCPP protocol

### OPTIONS:

- Installation on a column
- Output type selection
- PV regulation ready
- Power regulation:
  - Through external inputs: station is equipped with two inputs allowing you to set up four levels of power.
  - Through an external wireless energy meter: dynamic regulation based on a consumption at the respective place.
  - Through MODBUS protocol



# BUSINESS SOLUTIONS

Are you looking for a charging station for your exact requirements or do you want to grant the experience of charging for others? Offer something more to your customers. By offering charging of electric vehicles, you attract many new clients and will push your company on a new level.

- Be ahead of the competition and invest to the future
- Perfect solution for companies and their clients
- Grant your employees a benefit in the form of charging
- Become a part of one of the biggest charging infrastructures and start earning money



# BASIC AC CHARGING STATION

## LITE

Simple and unexpensive solution to charge an electric vehicle.

Basic charging station equipped with a connector or socket, that is available in two versions – with a power of 11 kW or 22 kW.

Produced as a wallbox or a self-standing unit on a column.

Option of a power regulation through external inputs.

### DETAILS

Maximum charging power	11 kW/22kW		
Input voltage	400 V, 50/60 Hz		
Maximum input current	32 A		
Operating temperature	-25 to + 45 °C		
Protection level	IP54		
Humidity	max 95% non-condensing		
Certification	CE		
Output	Plug Type 2		
Output type	Socket	Straight cable	Spiral cable
Cable length	-	5m	3.5m
Environment	Indoor and outdoor		

### FEATURES:

- LED status indication

### OPTIONS:

- Output type selection
- Installation on a column
- Power regulation through external inputs: station is equipped with two inputs allowing you to set up four levels of power.





# SINGLE CONNECTOR AC CHARGING STATION

## SINGLE

Thanks to a Plug Type 2 connector, this station is compatible with all commonly available electric vehicles and has a built-in form of authorization to initialize charging. Available is an online connection, that allows remote management of the station. The station includes a MID certified energy meter and available is also an option of a power regulation.

### DETAILS

Maximum charging power	22 kW		
Input voltage	400 V, 50/60 Hz		
Maximum input current	32 A		
Operating temperature	-25 to + 45 °C		
Protection level	IP54		
Humidity	max 95% non-condensing		
Certification	CE		
Output	Plug Type 2		
Output type	Socket	Straight cable	Spiral cable
Cable length	-	5m	3,5m
Communication	WiFi		
Environment	Indoor and outdoor		
Option of a power regulation	External inputs / Wireless / MODBUS		

### FEATURES:

- Display with a keyboard for charging station's configuration
- Authorization through an RFID card or a password
- LED status indication
- Energy meter for a consumption measurement
- Includes OCPP protocol

### OPTIONS:

- Output type selection
- Installation on a column
- Bar code and QR code scanner
- Selection of three online communication types
- Power regulation:
  - Through external inputs: station is equipped with two inputs allowing you to set up four levels of power.
  - Through an external wireless energy meter: dynamic regulation based on a consumption at the respective place.
  - Through MODBUS protocol



# DOUBLE CONNECTOR AC CHARGING STATION

## DUPLO

Double charging station that allows you to charge two electric vehicles at the same time. Two independent MID certified energy meters and an internet connection allows remote management of the charging station and consumption measurement on each connector individually.

### DETAILS

Maximum charging power	2x11 kW/ 2x22kW		
Input voltage	400 V, 50/60 Hz		
Maximum input current	32 A/ 63 A		
Operating temperature	-25 to + 45 °C		
Protection level	IP54		
Humidity	max 95% non-condensing		
Certification	CE		
Output	Plug Type 2		
Output type	Socket	Straight cable	Spiral cable
Cable length	-	5m	3,5m
Communication	Ethernet/WiFi/4G		
Environment	Indoor and outdoor		
Option of a power regulation	External inputs / Wireless / MODBUS		

### FEATURES:

- Display with a keyboard for charging station's configuration
- Authorization through an RFID card or a password
- LED status indication
- Able to charge two electric vehicles simultaneously
- Consumption measurement for each connector using two energy meters
- Includes OCPP protocol

### OPTIONS:

- Output type selection
- Installation on a column
- Bar code and QR code scanner
- Selection of three online communication types
- Power regulation:
  - Through external inputs: station is equipped with two inputs allowing you to set up four levels of power.
  - Through an external wireless energy meter: dynamic regulation based on a consumption at the respective place.
  - Through MODBUS protocol





# DC CHARGING STATION

## RAPID

Fast charging station that allows you to charge two electric vehicles at the same time with connectors CCS Combo 2. Station includes built-in online connection through ethernet cable, OCPP protocol and certified energy meter.

DETAILS	
Maximum charging power	60 kW/120 kW/ 150 kW/ 180 kW/ 220 kW
Input voltage	400 V 50 Hz
Maximum input current	500 A
Operating temperature	-25 to +50 °C
Protection level	IP54
Humidity	max 95% non-condensing
Certification	CE
Output	2x CCS Combo 2
Output type	Straight cable
Cable length	3.5 m / 4.5 m
Communication	Ethernet/4G
Communication protocol	OCPP
Noise	<55 dB
Environment	Indoor and outdoor

### FEATURES:

- 10" screen for charging station's configuration
- Authorization through an RFID card or a password
- LED status indication
- Able to charge two electric vehicles simultaneously

### OPTIONS:

- Bar code and QR code scanner
- Wireless 4G internet connection (also supports 3G and GPRS)
- Socket for AC charging with a power of 22kW



# COMPACT DC CHARGING STATION

## RAPID BOX

Fast charging station in a compact build can charge directly the battery of your electric vehicle with a power of 30 kW. Charging is possible with a CCS Combo 2 connector. Configuration of the station is possible with a keyboard and a display.

### DETAILS

Maximum charging power	30 kW/40 kW
Input voltage	380/400/415 V 50 Hz
Maximum input current	100 A
Operating temperature	-25 to +50 °C
Protection level	IP54
Humidity	max 95% non-condensing
Certification	CE
Output	CCS Combo 2
Output type	Straight cable
Cable length	3.5 m / 4.5 m
Communication	Ethernet/4G
Communication protocol	OCPP
Noise	<55 dB
Environment	Indoor and outdoor

### FEATURES:

- Authorization through an RFID card or a password
- LED status indication

### OPTIONS:

- Consumption measurement with an energy meter
- Installation on a column



# E-BIKE CHARGING STATIONS

Did you run out of energy during the trip on your electric bike? Simply stop and recharge yourself and your bike. Get a panel, that is equipped with charging cables, sockets and simple accessory to repair your electric bike. This station can be self-standing or as a part of the resting shelter, where you, among other things, can find a map of the close surroundings and take a break.

- Stop carrying your own charger
- Raise the attendance of your location
- Advertisement surface to promote your business



# CHARGING STATIONS FOR E-BIKES

## BIKE

Backlit panel with an option of up to three charging accumulators by brands Bosch or Bafang and four sockets for cyclists, who carry their own charger with them.

Charging panel can be equipped with a compressor, USB port or toolkit with basic tools to repair your bike.

### DETAILS

Input voltage	230 V/ 16 A
Output voltage	4 x 230 V/ 4 A ( 5 V/5 A for USB)
Max. compressor pressure	5 bar
Operating temperature	-30 to +50°C
Humidity	max 95% non-condensing

Connector type	Bosch
Output	36 V/ 4 A
Battery capacity	300/400/500 Wh
Charging time (approximated)	2,5/3,5/4,5 h

Connector type	Bafang
Output	36 V/ 4 A
Battery capacity	300/400/500 Wh
Charging time (approximated)	2,5/3,5/4,5 h

### FEATURES:

- Able to charge numerous e-bikes simultaneously
- Compressor
- Barometer
- Tools to repair bike
- USB port for phone charging

### OPTIONS:

- Output type selection
- Bike rack



# SHELTER WITH A CHARGING STATION BIKE PORT FOR E-BIKES

Did you run out of the energy while on a trip on your e-bike? Simply stop and recharge energy to you and your bike. Firm construction with a rest zone, that includes charging station with max. three charging cables, four sockets and simple accessories to repair your e-bike. Can be produced from numerous types of materials, also available a configuration with solar panels and battery storage system.

## DETAILS

Input voltage	230 V/ 16 A
Output voltage	4 x 230 V/ 4 A ( 5 V/5 A for USB)
Max. compressor pressure	5 bar
Operating temperature	-30 to +50°C
Humidity	max 95% non-condensing
Connector type	Bosch
Output	36 V/ 4 A
Battery capacity	300/400/500 Wh
Charging time (approximated)	2,5/3,5/4,5 h
Connector type	Bafang
Output	36 V/ 4 A
Battery capacity	300/400/500 Wh
Charging time (approximated)	2,5/3,5/4,5 h

## FEATURES:

- Able to charge numerous e-bikes simultaneously
- Compressor
- Barometer
- Tools to repair bike
- USB port for phone charging

## OPTIONS:

- Produced in numerous configurations of colors and materials
- Bike rack
- Rest zone with a bench and a desk
- Solar panels
- Battery system
- Map of surroundings and bike path
- Output type selection of the charging panel



# ADDITIONAL FEATURES

## Master/Slave

- Multipoint system of charging stations. The goal is to lower the investment and service expenses.

## Ejoin Power Management

- System that can optimize reserved capacity at a place where charging stations are installed. Regulation reduces the expenses of reserved capacity.

## Payment terminal

- Easy cashless payment. Terminal accepts all forms of cashless payment
- Debet and credit cards, mobile and NFC payments, payment by scanning a QR code and bar code.

## Management system

- Developed for efficient and easy management of charging stations.

## Developing: Mobile app

- Developed for your home charging station to comfort your charging experience. This mobile app allows you to remotely manage power of the charging stations, see its consumption and many more features.

## Photovoltaic

- Do you want to save energy? We can connect the charging station with your photovoltaic system. Excessive energy produced by the panels will go straight to your electric vehicle.





# CONTACT



## Address

Štúrova 1  
018 41 Dubnica nad Váhom  
Slovakia



## Phone

+421 424 111 111



## Email

[info@ejoin.eu](mailto:info@ejoin.eu)





Stay in touch with us and get the hottest news from the life of company on:

[www.ejoin.eu](http://www.ejoin.eu)

EN2023/04

[info@ejoin.eu](mailto:info@ejoin.eu)  
**+421 424 111 111**