EJOIN **PORTY**

Portable AC charging stations manufactured and developed in Slovakia.
Unique solution with Fleet use and changeable connectors.

VERSATILE

Porty has many options for configurations. You can choose from three levels of configurations, LITE, SMART or FLEET. No matter if you want to just charge at home, or use Porty as part of your fleet charging, we have solution right for you.

CHANGEABLE GRID CONNECTORS

Porty has a special system that allows you to change grid connectors easily. You can just buy from us any grid cables that you might need.

PORTABLE SOLUTION

Porty is a compact portable solution for charging on your travels. The station has a sleek design made from resilient plastic. This allows you to charge your vehicle at any location, if you have the respective grid connector.

EV CONNECTOR

Porty is equipped with a Type 2 connector, which is a standard for European market. However, the connector can be customized for different markets and changed to Type 1 or GB/T, which can be more suitable for other parts of the world.

WHY EJOIN PORTY?

IT'S UNIQUE

Porty is a complete in-house solution with Software, Hardware and all additional parts and features all developed in Slovakia. Any upgrades or changeable parts you might be interested in are provided exclusively by us. It also means that Porty can be customized to specific requirements.

IT'S RELIABLE

Porty is made from a highly resilient plastic. The construction ensures protection level of IP68 and IK10, which makes it resilient to any environment conditions. The station is also heat and water resistant, so you don't have to worry about using it on any adventures on your travels.

IT'S SMART

Porty has a built-in RFID reader for authorization. In its SMART configuration, Porty is equipped with WiFi connection, consumption measurement and OCPP protocol. This allows you to remotely access charging station and use mobile app or web interface for settings.
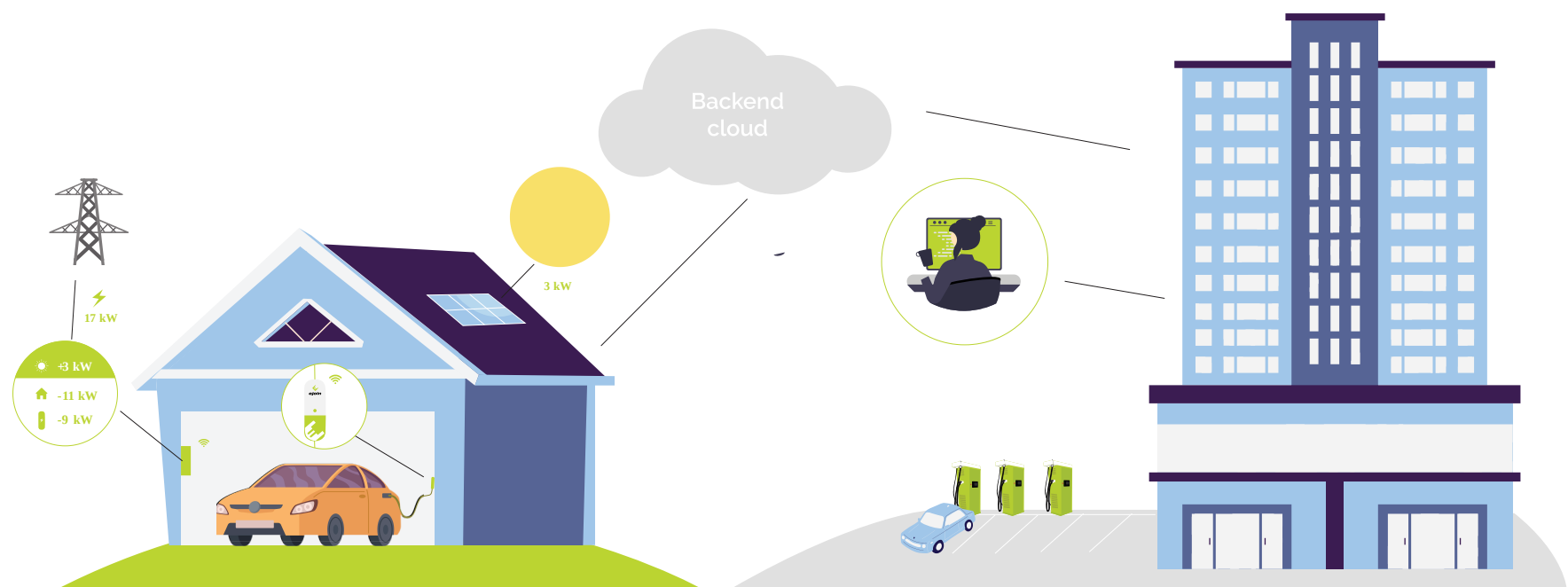
DEVELOPED FOR FLEETS

Porty is also available in a FLEET configuration, which is the highest configuration available. This Porty is equipped with OCPP protocol, 4G connection (always online through e-Sim support) and GPS locator. If your employees are using Porty, you as a manager have access to full history of charging sessions, including locations. Consumption measurement device inside Porty also ensures exact data about charging, that can be used for reimbursement.

MANAGE YOUR CHARGING STATIONS THROUGH **OCPP PROTOCOL**

If you opt for SMART or FLEET configuration of our Porty, you gain access to remote management of the station.

Porty has OCPP protocol, that can communicate with any backend system of your choosing. Porty supports all basic OCPP commands that are available in all commonly used backends – you can remotely start or start charging, access data of charging sessions, make remote updates and see realtime information about the station.

At ejoin, we can also provide you with our own complex management software, that we call Smart Fuel Pass. You can run this system easily through your web browser or use our mobile app.

ENHANCE YOUR PORTY EXPERIENCE
WITH ADDITIONAL FEATURES

We offer a wide range of additional parts and features for Porty.

You can easily change your grid connectors, using our changeable system.
The connectors that we have for Porty are:

- 230 V / 16 A
- 230 V / 32 A
- 400 V / 16 A
- 400 V / 32 A
- Type 2 / 32 A

You can buy any of them at any time, they will be available with all versions of Porty.
You can also transform your Porty into a wallbox. Simply buy our wall bracket, install it on a wall
and put Porty in it. No need for Porty to lay around, now it works as any home wallbox solution

Depending on your travels, you might also consider our protective additions for Porty. We offer textile transport bag or even a sturdy protective case.

DYNAMIC POWER REGULATION
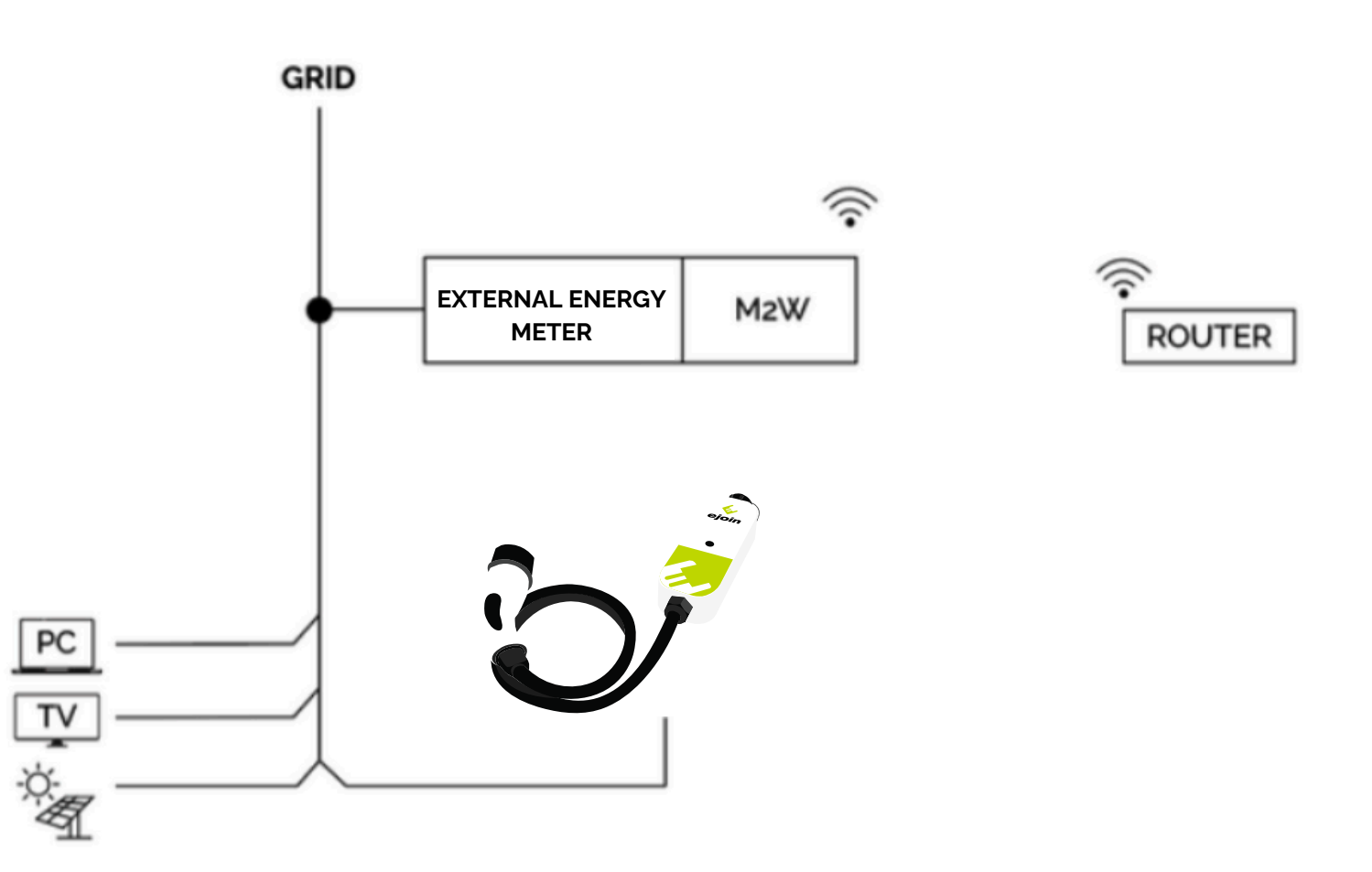
EXTERAL ENERGY METER EJOIN SMARTMETER

Selected ejoin charging stations can be expanded with an external ejoin SmartMeter, designed for intelligent power regulation. This device monitors energy consumption at a specific location and dynamically adjusts the charging station's power output accordingly. The external meter can communicate with a single device or multiple devices in a Master/Slave configuration.

Communication between the meter and the charging station is carried out via the Modbus protocol, WiFi, or Ethernet connection, ensuring reliability and flexibility.

The external meter regulates power to prevent exceeding the maximum site consumption, effectively avoiding unnecessary outages or penalties. When combined with the M2W module, it can monitor the total consumption of an entire building or another power-consuming site.

Another advantage is the possibility of integrating the meter with photovoltaic panels. This allows charging stations to utilize surplus energy from renewable sources, making it an ideal solution for eco-friendly and cost-effective energy management.

The entire power regulation system can be conveniently managed through an intuitive web interface, providing full control and oversight.

TECHNICAL SPECIFICATION

Product information	
Charging type	Mode 3 charging, level 2
Outlet options (to vehicle)	Type 2 cable
Outlet options (to grid)	230 V /16 A, 230 V / 32 A, 400 V / 16 A, 400 V / 32 A, Type 2 / 32 A
Cable length	To vehicle: 5 m To grid: 5 m
Input power rating and current	Single phase up to 7,4 kW / 16 A Three phase up to 22 kW / 32 A
Input/Output voltage	IEC: Single phase: 184–276 V, 50/60 Hz IEC: Three phase: 320–480 V, 50/60 Hz
Network type	TT, TN, IT
Number of EV served	1
Protection	Overcurrent, overvoltage, undervoltage, ground fault including DC leakage protection, integrated surge protection
Overvoltage category	Type III
Consumption measurement	MID compliant
Cellular communication	SMART: WiFi FLEET: WiFi / GSM / 4G / LTE
User interface	
Connectivity (only SMART and FLEET)	Online connection using WiFi/4G
User authentication	Mobile app
User interface	Button to change current
Communication protocols (only SMART and FLEET)	OCPP 1.6 / 2.0
RFID reader	Legic, Mifare Classic, Mifare DesFire, 13,56MHz based on ISO14443

Configuration	
Software update	Remote updates via ejoin web interface
Control and configuration (only SMART and FLEET)	ejoin web interface, communication through OCPP 1.6 / 2.0.1
Multilanguage system	Slovak, Czech, English, German. More languages configurable
General characteristics	
IP and IK rating	IP68 and IK10
Enclosure type	Plastic
Operational altitude	Up to 2 000 m
Operating temperature range	-25 ˚C to +45 ˚C
Storage temperature range	-25 ˚C to +45 ˚C
Humidity	20-95 % Rh non-condensing
Dimensions (H x W x D)	242 x 97 x 70 mm
Mass	
Certification and standards	
Charging system	IEC 61851-1 ed 3, IEC 61851-21-2 ed 1, IEC 61851-23 ed 1, IEC 61851-24 ed 1, IEC 62196-2, IEC 62196-3, IEC 61000
Communication to the EV	DIN 70121, ISO/IEC 15118 series ed 1 with PnC and EIM
Communication to the backend	OCPP 1.6 JSON / 2.0.1
Safety	Risk assessment
Warranty	24 months basic warranty, extended warranty available for an extra fee

CONTACT

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