

2.1 kWh battery + mobile 22 kW charging station



JUICE ROAD ASSISTANCE

MOBILE

POWER BATTERY



MOBILE

UNIVERSAL CHARGER

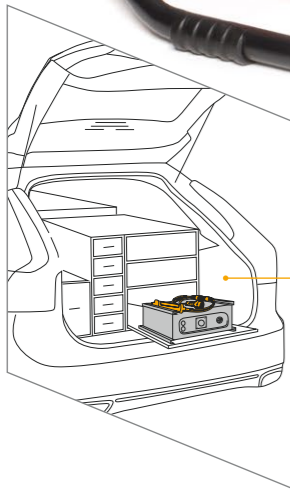
Electric cars can now be charged absolutely anywhere – wherever they may be parked or wherever they may have broken down.

This is thanks to the new breakdown assistance for electric cars, consisting of a compact battery along with a perfectly coordinated mobile charging station.

Emergency battery for on the road

JUICE BATTERY by Instagrid – gets you safely to the nearest socket

No mere powerbank, but a fully-fledged mains replacement for professionals. With the same output voltage as a conventional domestic socket (230V) and a nominal power rating of 3.6kW, the JUICE BATTERY delivers maximum energy in a portable format. The 2.1kWh capacity delivers sufficient charge for a 10km range – easily enough to get you to the next power socket.



A quick and practical solution

Thanks to the 5m cable of the JUICE BOOSTER 2 pro, the JUICE BATTERY can be easily stowed in a breakdown vehicle or even permanently installed so that it does not have to be removed for charging.

Additional Schuko socket

For maximum flexibility on the go.

Power connection

The JUICE BOOSTER 2 pro is connected via a high-quality Neutrik connector. The highly robust, flange-mounted twistlock latching system prevents any accidental detachment of the cable. This guarantees a safe and reliable power supply according to the applicable IEC equipment standards.

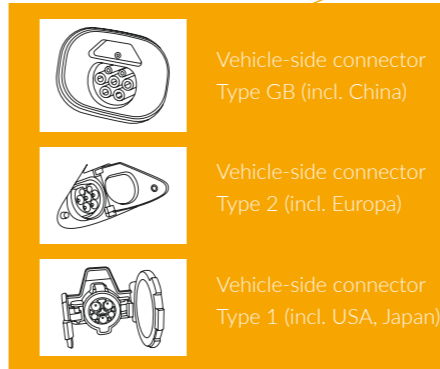
Rapidly ready for use

Using the Neutrik input on the device, the battery of the JUICE BATTERY can be charged at a conventional domestic socket in 2.5 hours.

Interchangeable adapter on the vehicle side

All these adapters have a blue dot on the JUICE CONNECTOR pro.

● Blue dot



Robust

Impact-resistant and shock-proof according to IK10 and able to withstand a wheel load of up to 3 tonnes.

Robust adapter plug

The 3-pin adapter plug developed specifically for this partnership features first make/last break PE contacts and is resistant to environmental influences, making it ideal for use in tough conditions or harsh environments.

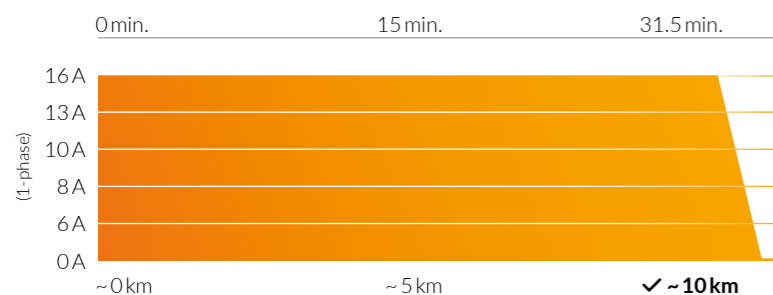
● Orange dot

Up to 15 m operating range

With a 5 or even 10 m extension cable, the operating range of the JUICE BOOSTER 2 pro can be further increased.

Maximum potential

The JUICE BOOSTER 2 pro communicates with the JUICE BATTERY and uses the full 16 A power output from the very start of the charging process. This high output is ground-breaking for such a small battery. Towards the end of the charging process, the power output is reduced to ensure optimum protection of the battery.



Good to know

The vehicle adapters are connected via the JUICE CONNECTOR pro safety connector. Although visually identical to the standard JUICE CONNECTOR for the mains connection, the pro version features different pin coding. This renders it impossible to connect to the wrong side of JUICE BOOSTER 2 pro.

Upselling

Instead of carrying lead-acid batteries as disposable interim solutions, forward-thinking roadside assistants can simply keep three JUICE BOOSTER 2 or JUICE BOOSTER 3 air in their breakdown vehicles and sell them to the customer on-site.



JUICE ROAD ASSISTANCE

Such power has never been available in such a light and compact package

A perfect combination

A compact emergency charging solution for breakdown services with sufficient power for electric cars. The two devices make it possible to supply cars with maximum energy in the shortest possible time.

Technical specifications

JUICE BATTERY by Instagrid

| | |
|-------------------------------------|--|
| Dimensions | 420×210×420mm |
| Weight | 20 kg |
| Capacity | 2074 kWh |
| Rated power | 3.6 kW (16 A) |
| Rated current | 16 A |
| Output voltage (vehicle charging) | 230 V AC (50 Hz) |
| Input voltage (battery charging) | 120 to 240 V AC (50 to 60 Hz) |
| Operating temperature | Vehicle charging: -20°C to 60°C Battery charging: 0°C to 45°C |
| Material / colour | Housing: recycled aluminium, anodised / light grey |
| Protection rating | IP54+ |
| Protection class | Class II / double-insulated - according to IEC 61140 |
| Line protection (vehicle charging) | 16 A (electronic equivalent to B16) |
| Input protection (battery charging) | T5A L 250 V |
| Output socket | CEE 7/3 socket (16 A) |
| Output socket | Neutrik powerCON TRUE1 (incl. adapter) |
| Charge input | Neutrik powerCON TRUE1 (incl. charging cable) |

Technical specifications

JUICE BOOSTER 2 pro

| | |
|-------------------------|---|
| Dimensions | Diameter: 70 mm, length: 225 mm |
| Weight | 1.0 kg excl. cable 3.2 kg with cable and plug |
| Power output | 1.4 kW to 22 kW AC |
| Rated current | 6 A to 32 A |
| Mains voltage | 230 V (1-phase) / 400 V (3-phase) |
| Material / colour | Aluminium, anodised / anthracite |
| Operating temperature | -30°C to +50°C |
| CE conformity | IEC 62752, 62196, 61851-1, Mode 2/3, EMC, RoHS |
| Protection rating | IP67, IK10 |
| Residual current device | RCD DC 6 mA, AC 30 mA |
| Safety | PE conductor, temperature monitoring |
| Mains connectors | More than 30 self-detecting adapters available for domestic, industrial and EV sockets 1.4 m supply cable + approx. 30 cm adapter length |
| Vehicle-side connection | Type GB (GB/T 20234.2) / Type 2 (EN 62196) / Type 1 (SAE J1772) - cable length: 3.1 m |

Subject to change.

By professionals for professionals

For daily application by professional users.



Individually proven

Extensively tested under the harshest conditions.



Combined strength

The ideal solution for emergency mobility.



For more information and accessories visit:
juice.world/juice-road-assistance