

JUICE BOOSTER 2



USER MANUAL

Product Name	JUICE BOOSTER 2
Product Type	IC-CPD (In Cable Control and Protection Device)
Item No.	EP-JB2...
P/N	JTJB2-EU2R...
Manual Version	Rel. 3.2 Intl.

GEFAHR

Im Fehlerfall blinken alle LEDs rot, abwechselnd dazu zeigt eine einzelne rote LED den erkannten Fehler an. Sie können den JUICE BOOSTER 2 zurücksetzen, indem Sie den Stecker netzseitig abziehen und erneut einstecken. Weitere Fehlereingrenzungen finden Sie online unter juice.world/service > JUICE BOOSTER

Anzeige	Die LED(s)	Mögl. Ursache	Massnahme
	Rote LED auf Position BOOSTER	Initialisierungsfehler	Trennen Sie den JUICE BOOSTER 2 vom Fahrzeug und vom Netz. Starten Sie den Vorgang erneut. Laden Sie an anderen Steckdosen und an anderen Örtlichkeiten. Wenn der gleiche Fehler wieder auftritt: Gerät nicht weiterverwenden und den JUICE-Kundendienst kontaktieren.
	Rote LED auf Position CAR	Fehler am Auto	Prüfen Sie Ihr Fahrzeug und die Steckvorrichtung am Fahrzeug. Starten Sie den gesamten Ladevorgang erneut. Wenn sich der Fehler wiederholt, nehmen Sie Kontakt mit einem Fahrzeugfachmann auf.
	Rote LED auf Position SOCKET	Fehler an Steckdose/Zuleitung oder Sensor im Adapter meldet Überhitzung	Prüfen Sie, ob der JUICE CONNECTOR bis zum hörbaren Klick verbunden ist. Prüfen Sie die Installation, Netzstecker und Adapter auf Beschädigungen und lassen Sie diese gegebenenfalls beheben. Bei Überhitzung wird der Ladevorgang nach Abkühlen automatisch drei Mal neu gestartet.
	Rote LED auf Position NO EARTH	Kein Schutzleiter an Steckdose erkannt	Laden Sie nicht an dieser Installation. Es besteht die Gefahr eines Stromschlages. Lesen Sie auch den Abschnitt „Änderung des Betriebsmodus (MODE)“.
	Rote LED auf Position RCD DC (---)	FI-Schutzschalter (DC) wurde ausgelöst	Trennen Sie den JUICE BOOSTER 2 vom Fahrzeug. Starten Sie den Vorgang erneut. Bei wiederholtem Auftreten in Folge: Lassen Sie Ihr Auto von Ihrer Werkstatt überprüfen.
	Rote LED auf Position RCD AC (~)	FI-Schutzschalter (AC) wurde ausgelöst	Trennen Sie den JUICE BOOSTER 2 vom Fahrzeug. Starten Sie den Vorgang erneut. Bei wiederholtem Auftreten in Folge: Lassen Sie Ihr Auto von Ihrer Werkstatt überprüfen.
	Rote LED auf Position HOT	Überhitzung des Geräts	Warten Sie bis der JUICE BOOSTER 2 nach Abkühlung selbständig den Ladevorgang erneut startet. Gerät nicht an der Sonne liegen lassen, nicht zudecken.
	Rote LEDs bei BOOSTER, RCD DC (---) und RCD AC (~)	Initialisierung der geräteinternen FI-Schutzfunktion fehlgeschlagen	Bei wiederholtem Auftreten in Folge: Nehmen Sie Kontakt mit dem Kundendienst von JUICE auf und lassen Sie das Gerät überprüfen.

Important: Read this User Manual before you start using the device!

Failure to comply with these instructions may result in injury or death, damage to the device and harm to the environment. Keep this User Manual in a safe place together with the charging equipment. Always provide any new users of the device with the User Manual as well.

Warnings

The following warning and hazard symbols are used in this User Manual:

DANGER

Texts marked with this symbol contain information for your safety and point out hazards that present the danger to you of serious or even fatal injuries.

WARNING

Texts displaying this symbol indicate potential hazards that pose risk of injury.

CAUTION

This symbol is intended to make you aware of potential risks of damage that demand your heightened caution.

Intended use

- Use the JUICE BOOSTER 2 and its accessories (referred to below also as charging equipment) exclusively to charge the batteries of electric cars that are equipped with a fitting vehicle charging connection socket.
- Use the JUICE BOOSTER 2 only as intended and specified in this User Manual. Use exclusively original JUICE CONNECTOR safety adapters and JUICE CONNECTOR safety extension cables from JUICE TECHNOLOGY AG that are equipped with an automatic charge current intensity detection function. Use of any other adapters and/or cables is prohibited and will be deemed improper use.
- Any other use will be deemed improper and may result in severe injury or damage to property. The manufacturer and dealers will not accept any liability for damage

caused by improper use. What's more, the equipment warranty becomes void in such cases.

Safety information

DANGER

Failure to observe these safety instructions can cause short circuits, electric shock, explosions, fires, burns or other, fatal personal injuries as well as property damage.

- Check the charging equipment for damage or soiling prior to every use. Should any damage or soiling be evident, do not put the equipment in operation.
- If damage occurs while charging, disconnect the charging equipment immediately from the power mains, if possible by switching off the mains fuse/circuit breaker. Do not touch any electrically live parts.
- Charge your vehicle only at professionally installed, tested and undamaged power sockets and at properly functioning electrical installations.
- Operate the JUICE BOOSTER 2 only at properly earthed and correctly installed power sockets. If this condition cannot be ensured, the device shall not be operated in EARTH-OFF mode.
- Under no circumstances should you use third-party extension cables, cable drums, multi-socket power strips or (travel) adapters. Only original JUICE extension cables and adapters may be used with the JUICE CONNECTOR.
- Never charge batteries using this device with the cables coiled. This can lead to overheating and cause the cable shielding to melt.
- Never operate the JUICE BOOSTER 2 near explosive vapours or gases. Switching operations within the device can generate tiny electric sparks, which could ignite explosions.
- Never touch the contact surfaces of the charging equipment. Do not insert any objects into the charging equipment connector faces.
- Clean your charging equipment only when it is completely disconnected from the power grid and the

vehicle. Use a slightly damp cloth for cleaning, and afterwards carefully dry off all parts.

- Do not attempt to modify or repair your charging equipment in any way yourself. Never open the housing, and do not make any changes to the adapters and/or extension cables.

- Do not let children play with the packaging material or the charging equipment.

⚠ WARNING

Failure to observe these warnings can lead to electric shock or fire, or damage the charging equipment.

- Only qualified, electrically skilled persons are permitted to install and commission power sockets for the JUICE BOOSTER 2. Such expert electricians bear full responsibility for ensuring compliance with the existing codes, standards and regulations in force.

- Do not plug the device into power outlets through which water could ingress the device.

- Do not immerse the charging equipment in water, and do not directly expose it to water spray (e. g. from high-pressure cleaners or garden hoses).

- Disconnect the JUICE BOOSTER 2 from the mains during thunderstorms.

- Never disconnect the device connectors while the device is electrically live (i. e. while charging a vehicle). As this can lead to fouling of the connector plug contacts and damage the charging electronics and electrical systems in your vehicle and in the JUICE BOOSTER 2. Always stop the charging process first at the controls inside the vehicle.

- Do not expose your charging equipment to large amounts of dust, highly humid or moist environments, or aggressive liquids.

- The JUICE BOOSTER 2 is intended for use in private households and semi-public areas (e. g. on private property or company parking lots, etc.).

- During unattended charging operations, unauthorised parties (e. g. children, under-age persons, household pets or other animals) should not have access to the charging equipment and vehicle.

- The JUICE BOOSTER 2 can become hot if exposed to direct sunlight. If this occurs, you can take hold of the device at the rubber caps or on the cable.

⚠ CAUTION

Failure to follow the instructions below can lead to property damage, fines or even punishment.

- The user is responsible for ensuring compliance with all local regulations governing the operation of mobile charging stations.

- The electrical connection data of the JUICE BOOSTER 2 must match the data of the power supply grid.

- Protect the plug connectors and power sockets against humidity and moisture. Always keep the JUICE CONNECTOR plugs and the vehicle end coupling dry. Unplugged connectors are not watertight. Always cover them with the protective caps when not in use.

Symbol legend (in this User Manual and/or on the charging equipment)

CE By using the CE marking, the manufacturer or distributor declares that the product meets all applicable European regulations and standards (Declaration of Conformity of the European Community).

UKCA By using the UK Conformity Assessed (UKCA) marking, the manufacturer or distributor declares that the product meets all applicable regulations and standards of the United Kingdom (UK Declaration of Conformity / UK Conformity Assessed).

RoHS Products marked with this symbol meet the requirements of the EU Directives restricting the use of certain hazardous substances in electrical and electronic equipment.

30 This symbol indicates the lowest possible temperature in °C at which the device may be operated.

⚡ Danger of electrical shock from hazardous voltage if used improperly.

☀ The surface of the charging equipment can become very hot if exposed to direct sunlight.

🌱 JUICE has planted a tree to compensate for the carbon footprint caused by the manufacture and transport of this device. Read more at juice.world/engagement

⚠ This symbol indicates general danger or hazard. Read the User Manual to familiarise yourself with the charging equipment.

IP67 This symbol indicates that this product's protection rating meets the requirements of Protection Class IP67. This means that it is protected against dust in harmful quantities and temporary submersion in water.

PE This symbol indicates that the earth conductor is fixed and permanently connected.

⏚ This product meets the requirements of Protection Class I in accordance with IEC Standard 61140.

≤ 3000 m The charging equipment is suitable for operation up to an elevation of 3,000 metres above sea level.

● LED shines solid in the colours appearing on the device display.

⦿ LED flashes slowly in alternating sequence in the colours appearing on the device display.

⚡ LED flashes quickly in alternating sequence in the colours appearing on the device display.



This device and manufacturing plants where it is produced have been inspected and approved by TÜV Süd. The certificate verifies the complete fulfilment of the standards on which the product is based.

Optional mains adapters and accessories

The mains adapters (JUICE CONNECTOR safety adapters) detect the charging current intensities of the various power outlets used for charging. The JUICE BOOSTER 2 automatically sets the appropriate charging density.

The current list of accessories and add-ons available can be found at juice.world/jb2



Safety lock

Prevents adapters and extension cables from coming unplugged.



5- and 10-metre extension cables

This enables you to charge your vehicle e. g. at a public charging station that's been blocked by some other vehicle. Waterproof (IP67) and drive-over resistant. Automatic adapter detection is likewise transmitted. Not specified in a standard, therefore not CE.



Scope of supply

Standard equipment:

IC-CPD with the following plugs/connectors:

- Vehicle-end Type-2 connector (or Type-1 coupling)
- Mains-end JUICE CONNECTOR safety connector
- One or more JUICE CONNECTOR mains adapter(s)
- Bag (with Velcro on bottom sides, fire-resistant)

Parts:

- 1 JUICE BOOSTER 2
- 2 JUICE CONNECTOR safety connector
- 3 Vehicle connector for coupling to the vehicle charging socket (Type 2 or Type 1)
- 4 Mains adapter (also referred to herein simply as "adapters", available in numerous version)
- 5 Mains connector (in this case CEE32: 400V, 32A, 3-phase)
- 6 400-V, 32-A, 3-phase heavy-duty cable with control signal conductors
- 7 Bag (with Velcro on bottom sides, fire-resistant)



Wall bracket

The JUICE BOOSTER 2 can also be used as a wall-mounted charging station by fitting the specially designed bracket.

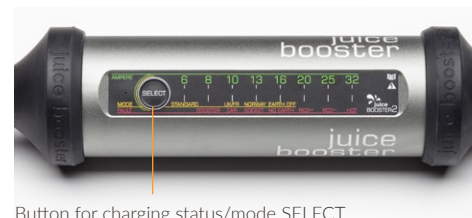


Operating instructions

CAUTION

- Use your charging equipment exclusively at power sockets and charging stations for which you have original JUICE mains adapters. The device charges your vehicle with single- or three-phase AC voltage ranging from 6 to 32 ampere (A). Use only original JUICE accessories equipped with the original JUICE CONNECTOR.
- Protect your charging equipment against damage from being run over, dropped, yanked, kinked or crushed.
- To prevent overheating while charging, do not expose your JUICE BOOSTER 2 to direct sunlight or other sources of heat for long periods of time. If the JUICE BOOSTER 2 becomes overheated, charging is automatically interrupted until the unit's temperature drops to within its normal operating range.
- In many countries, industrial power outlets must be equipped with a Type-A residual current device (RCD). JUICE recommends that a Type-A RCD be installed in power sockets of any kind. Please observe the regulations in force in the country of use, as these always take precedence. As the JUICE BOOSTER 2 is already fitted with a built-in DC residual current monitor, you don't have to bother with pricey installation of a Type-B RCD or Type-A power supply.

Function display



Button for charging status/mode SELECT

Green LED

AMPERE: Displays the automatically set or individually reduced amperage value (i. e. the charge intensity).

Yellow LED

MODE: Indicates the preselected mode.

Red LED

FAULT: Displays the cause in case of a fault.

On the back of the device you'll find a How-To quick-start guide, hazard warnings, the unit's serial number and other product information.

Charging instructions

DANGER

- Always perform charging operations in the specified order of steps.
- Always stop the charging process before you remove the charger vehicle-end connector from the vehicle charger socket.
- Never disconnect any plug (neither from the power socket, nor on the JUICE CONNECTOR) while the charging process is ongoing.
- Potential charging faults (FAULT) are identified on the device's function display. (Further information in this regard can be found in the section on Fault indications).
- Vehicles fitted with a Type-2 charging socket lock the charge coupling during the charging process, and the coupling remains locked as long as the car is locked. This protects the JUICE BOOSTER 2 against theft.
- Should any unauthorised party disconnect the mains-end cable from the power socket during the charging process, when the cable is reconnected to the socket the charging process will automatically continue at the recently detected or manually reduced charge current intensity.

Vehicle-end charging connection

Please consult the vehicle user manual for information on plugging in the connector, locking and unlocking the coupling, stopping the charging process, unplugging the connector from the vehicle-end socket, and the status of charging and the connection at the vehicle.

Changing the mains-end adapter

DANGER

- Stop the charging process.
- Before changing out the mains-end adapter, always first unplug the mains adapter from the power socket and the vehicle-end connector from the vehicle.

- Always change out the mains adapters in a dry place.



The adapters are connected and disconnected via the JUICE CONNECTOR safety connection:

- 1 JUICE CONNECTOR safety connector. (Connects to the JUICE BOOSTER 2)
- 2 Plug and press together until an audible click is heard. Important: Ensure that you hear and feel the connection snap into place!
- 3 Mechanical guides only allow connection in the correct position (orange dots provide orientation for correct alignment).
- 4 Disconnect the connectors by pulling back the retaining ring on the JUICE CONNECTOR safety coupling. This safety coupling is part of the mains adapter.

- 5 Protective end caps (always fit the caps in place when the device is not in use, as they protect against ingress of dust, moisture and other harmful substances). The JUICE CONNECTOR is only watertight when fully plugged in.

Charging from domestic or industrial power outlets

- 1 Select the fitting mains adaptor.
- 2 Connect the JUICE CONNECTOR of the JUICE BOOSTER 2 to the JUICE CONNECTOR of the mains adapter, as described above.
- 3 Plug the mains connector into the power source socket
 - All the LEDs flash yellow while the BOOSTER 2 performs its self-test.
- 4 The device is ready for operation within approx. 3 seconds.
 - The detected charging current intensity (AMPERE) is displayed in green.
 - The set operating mode (MODE) is displayed for 30 seconds by flashing yellow LED.

- If the ampere charge value and the operating mode are in the same position, the LEDs flash yellow and green alternately.

- 5 Check, if the charge current intensity is correct.
- 6 Note: The charge intensity can be reduced within the first 30 seconds after connecting the BOOSTER 2 to the vehicle by pressing the SELECT button.
- 7 Plug the vehicle-end coupling into the vehicle's charging connection socket.
- 8 The charging process begins automatically.
 - The sequential flashing orange LEDs indicate that charging is in progress.
 A green LED continues to display the set charge intensity.
- 9 The charge process ends.
 - If only the green LED displaying the charge intensity is lit, the vehicle has properly ended the charge process.
 If charging at first fails to start automatically, it's possible that a setting in the vehicle has scheduled charging for a certain specific time of day.

Changing the charge intensity (AMPERE)

- Press the SELECT button (before plugging the vehicle-end connector into the vehicle charging socket, or within 30 seconds after plugging it in).
 - The green LED begins to flash, indicating that the device is ready to change the charge intensity.
 Press the SELECT button as many times as necessary until the LED is at the desired amperage.
- Pressing the button again after position 6 amperes causes the LED to jump back to the maximum value defined by the given adapter in use.
- Reducing the charge intensity is always recommended for old installations and continuous operation. This may also be necessary if multiple e-cars are being charged at outlets that share fuses, or where the outlets are fused for and specifically state lower amperage values.
- For safety reasons, the charge intensity cannot be increased beyond the charge intensity determined by the JUICE BOOSTER 2.
- The selected setting will be saved automatically after approx. 5 seconds.

- The LED then displays the selected ampere value in solid green.

The JUICE BOOSTER 2 saves the last charge intensity setting used with a particular mains adapter, and that setting is restored after any power interruption or when the device is plugged in again with the same adapter.

Changing the operating mode (MODE)

- Press and hold down the SELECT button for approx. 5 seconds (before plugging the vehicle-end connector into the vehicle charging socket, or within 30 seconds after plugging it in).
 - All LEDs will briefly flash yellow, after which the currently set operating mode will flash yellow in rapid sequence, thereby signalling that it's ready to change the operating mode.
- Set the desired operating mode by pressing the SELECT button repeatedly until the desired mode is reached.
 - The selected setting will be saved automatically after approx. 5 seconds. The selected operating mode is then displayed in slowly flashing yellow.

STANDARD mode

For operation in all countries except the UK, France and Norway.

UK/FR mode

This mode must be selected for charging in the United Kingdom and France (as it limits the Schuko plug to 10A or 8A / 14A for GreenUp).

NORWAY mode

This mode, and only this mode, must be selected for charging in Norway (configures the device for use in earth-free IT networks).

⚠ DANGER

EARTH OFF mode

Disables the device's internal earth conductor check. This mode may only be used once you have checked to verify that the electrical installation and earthing have been correctly connected. Unbalanced loads and other inadequacies in the grid can result in the earth conductor check detecting an irregularity with the earthing despite it being correctly connected. For technical reasons, this circumstance cannot be resolved in any other way. This situation has been repeatedly observed in Italy, among other places. For your

safety, reset the operating mode to STANDARD once you are charging from a different socket.

Charging your vehicle at public charging stations

- 1 Select the fitting adapter (Type 2 or Type 3).
- 2 Connect the JUICE CONNECTOR of the JUICE BOOSTER 2 to the JUICE CONNECTOR of the adapter, as described above.
- 3 Plug the connected adapter into the charging station.
- 4 Couple the vehicle-end connector of the JUICE BOOSTER 2 to the vehicle's charging socket.
- 5 Release the charging process at the charging station, or pay, as needed.
- 6 The charging process begins automatically.
 - The sequential flashing orange LEDs indicate that charging is in progress.

Stopping the charging process

- 1 Stop the charging process at the controls inside the vehicle.
- 2 This releases the lock on vehicle's charging coupling. If you are charging the vehicle at a charging station, the lock at the charging station is likewise released.
- 3 First disconnect the connector coupled to the vehicle, then unplug the connector plug from the power socket or the charging station.

Maintenance and cleaning

Cleaning

- Disconnect the JUICE BOOSTER 2 from the power socket and the vehicle.
- Only clean the outside of the device. Use a soft, slightly damp or antistatic cloth.
- Do not use any detergents or chemical agents to clean the device.

Maintenance

The device basically requires no maintenance. Note that connectors and couplings are sensitive, high-performance parts, and their contacts must always

be kept clean and dry. Corrosion on the contacts can lead to impaired function, overheating or defects in the device. If plugs get wet, allow them to dry before using them. Always fit the equipment with the protective caps when not plugged in.

Repairs / modifications

Any repairs and/or modifications may only be performed by the manufacturer.

Warranty and guarantee

Our products undergo strict quality control. Should any JUICE article fail to function flawlessly, however, we deeply regret such circumstances and request that you contact our Customer Service operations noted below. We're gladly available by phone or e-mail if you wish to contact us.

In addition to the statutory guarantee, we grant you a warranty covering all JUICE articles in accordance with the following terms and conditions. This does not affect your common law rights.

Any claims arising from the statutory guarantee or our warranty must be made immediately after becoming aware of the defect within the guarantee or warranty period. Both periods come into force from the date of purchase or delivery.

Warranty

- The warranty is valid for two years from the date of purchase and is regulated by law.

Guarantee

- The warranty period is 2 years from the date of purchase. The warranty applies on the continent where the device was purchased, and takes the form of a Bring-In warranty.
- During the warranty period, appliances that develop defects due to material and manufacturing faults will be repaired or replaced at our discretion. Exchanged appliances or parts thereof shall become our property. Exercise of the warranty shall not extend the warranty period or trigger a new warranty.

Making warranty claims

- Have the following documents ready, as they form the basis for making claims arising from your guarantee or warranty:
 - Delivery note (date of start of the warranty period)
 - Invoice (proof of purchase)
 - Warranty certificate with device serial number

- Please contact our Customer Service (see the section on Customer service).
- Please do not send your appliance to one of our warehouses or to our head office without contacting us first, as our Service Centres are located elsewhere. The parcel would be returned to you at your own expense in such cases.
- If the defect is covered by the statutory guarantee or our warranty scope, you will receive either a new, a repaired or a replacement device within a reasonable period of time. In such cases, JUICE TECHNOLOGY AG will cover the return postage costs to the following countries: DE, CH, LI, AT, FR, IT, UK, NL, BE, LU, DK.

Warranty exclusions

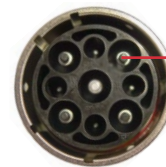
Warranty claims are void if:

- there is evidence of incorrect or inappropriate handling, operation or transport
- the device has not been used properly as intended
- adapters or cables other than original JUICE CONNECTOR safety adapters and cables have been used
- accessories or spare parts other than those recommended or supplied by the manufacturer have been used
- the JUICE CONNECTOR safety adapter or cable has been disconnected while under load
- the device is disconnected from the mains while in use
- there is corrosion on the plug contacts due to persistent humidity and/or damp
- water or other liquids ingress the device via unprotected or unplugged plugs or connectors or through water feeder-line piping.
- the operating instructions have not been observed
- major environmental factors (humidity, heat, power surges, dust, etc.) impact the device
- damage is incurred due to short circuits or overvoltages generated by the vehicle
- if the appliance is returned in inappropriate protective packaging
- an accident or unforeseen event (e. g. lightning, water, fire, force majeure) occurs
- the safety precautions applicable to the device have not been taken
- if safety instructions and hazard warnings have not been heeded
- force has been applied to the device (e. g. if it has been subject to impact or collision, or if it has been dropped, run over, crushed, or destroyed)
- you have attempted to repair the device yourself
- the device has been tampered with by someone other than our authorised Service Centres
- modifications have been made to the device by anyone other than the manufacturer

- The housings, plugs or cables have been opened or tampered with.

The warranty does not cover:

- any type of conventional wear and tear, or wear to the housing, rubber parts, cables, cable sleeves or connectors;
- Loss of the electric shock protective touch guards on the JUICE CONNECTOR plug. This does not affect safety or function, is not required by any standard, and is therefore excluded from the warranty.



Electric shock protective touch guard on the JUICE CONNECTOR plug (m)

Repairs

We will be happy to repair any defects or damage to the appliance not (or no longer) covered by the warranty, but a fee will be charged. Please contact our Customer Services team for an individual quote. You are responsible for shipping costs.

A processing fee will be charged for devices sent in without any defects or with defects that are not covered by the warranty in the event that the client decides not to have them repaired.

Customer Service

juice.world/service

Here's the quickest way to contact Customer Service: Please complete and submit the on-line form under this address if you have any technical questions or wish to make a claim under the statutory guarantee or our warranty. We'll take up your request immediately and provide you with the support you need.

Please always contact our service team using the online form, by telephone or by e-mail **before** sending in the product. The team will discuss the next steps with you, issue you a ticket number as needed, and provide you with the correct address for returning the product.

JUICE TECHNOLOGY AG
Customer Services
Phone +41 41 510 02 19
E-Mail service@juice.world

General information

We reserve the right to make modifications in the interests of technical improvement.

JUICE TECHNOLOGY AG cannot guarantee that all requirements, regulations, directives, guidelines, specifications and standards are free of third-party intellectual property rights.

Note on the Technical Connection Rules for Low-Voltage:

In various countries, the local Technical Connection Rules for Low Voltage stipulate that the responsible power provider utility be notified of electric car charging stations or that an authorisation or license be obtained from the utility. Many power providers, however, have yet to define procedures for such notification or authorisation, in particular for mobile charging stations which, by their very nature, are usually not used at all within the utility's service area. After numerous discussions of this matter, we recommend that you at least notify your power provider if your JUICE BOOSTER 2 is used as a wall-mounted charging station. The form of notification or registration has not yet been automated, and is in some cases defined on the power provider's website.

Provider / manufacturer

JUICE TECHNOLOGY AG
CH-8184 Bachenbülach, Switzerland
www.juice.world
E-Mail: info@juice.world
Phone: +41 41 510 02 19

Attention: Do not send appliances or goods to this address. Both the warehouse and the Service Department are on different sites and may vary depending on the country in question.

Goods sent to this address will be returned at the sender's expense. We unfortunately have to charge the sender for any forwarding costs, customs duties and/or value added tax incurred due to return shipments.

Waste disposal and recycling

Please sort your waste!



Please do not dispose of this appliance in your standard household waste. European Directive 2012/19/EU applies to this appliance. Have your device disposed of by an authorised waste disposal and recycling firm and your local waste management authority. Please note the relevant regulations. In case of doubt, please contact your waste disposal facility.

Recycling



Recyclable goods: Separate the packaging and electrical device by material type for disposal. Place all paperboard and corrugated fibreboard in paper recycling, foils and films with a waste materials collection centre, and have the electronic components properly disposed of by a specialist electrical retailer or a local recycling centre.

EC Declaration of Conformity

This product conforms with the following EU Directives

- 2014/30/EU (electromagnetic compatibility)
- 2011/65/EU (hazardous substances in electrical and electronic equipment)
- 2014/35/EU (electrical equipment and low-voltage directive),

and the following standards or normative documents:

IEC 62752:2016
 EN 50620:2020
 IEC 61000-6-3:2021
 IEC 61000-6-2:2019
 EN IEC 63000:2018
 EN IEC 61851-1:2019
 EN 62196-2:2017
 IEC 62893-3:2017+A1:2020
 EN 61000-6-2:2005
 EN 62196-1:2014
 EN 62196-2:2012+A11+A12+AC:2014
 EN 60309-1:1999+A1+A2+AC:2014
 EN 60309-2:1999+A1+A2:2012
 EN 61000-6-3:2007+A1+AC:2012

The EU Declaration of Conformity can be found on page 322.

UK CA			
UK Declaration of conformity			
We Juice Technology AG Kaiserstrasse 2 CH-8184 Bachtenbühlach Tel.: +41 41 510 02 19			
hereby declare in our sole responsibility, that the product:			
JUICE BOOSTER 2 JT JB2-EU*			
complies with the essential requirements of the following regulations and their amendment			
Electromagnetic Compatibility Regulations 2016 Restriction of Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 Electrical Equipment (Safety) Regulations 2016			
The following relevant standards or norms were used for the assessment			
IEC 62752:2016 EN 62196-1:2014 IEC 60309-1:1999+A1+A2+AC:2014 BS 1363-1:2016+A1:2016	EN IEC 61851-1:2019 EN 50620:2020 IEC 60309-2:1999+A1+A2:2012 EN IEC 63000:2018		
For the standards used for the Measuring Instruments Regulations 2016 see the separate declaration of conformity from the manufacturer.			
Place: Bachtenbühlach	Date: 23.02.2022	Signature: Christoph R. Enl CEO	
Juice Technology AG, Ltd. Kaiserstrasse 2 CH-8184 Bachtenbühlach Switzerland Tel.: +41 41 510 02 19 www.juice.ch			

Specifications

Housing dimensions	Length: 280mm, diameter: 70mm
Weight	4.1 kg with cables and plugs
Power	1.4kW–22kW AC
Rated current	6 A to 32 A
Mains voltage	230 V (single-phase) / 400 V (3-phase)
Residual current device	RCD DC 6 mA, AC/DC 30 mA with protective conductor monitoring
Protection class	I
IP protection rating	IP67 (protects against damaging quantities of dust and immersion in water for short periods)
Vehicle-end connector	Type 2 (EN 62196) / Type 1 (SAE J1772), cable length 3.1 m
Mains-end plug	Over 30 self-detecting adapters are available for domestic, industrial and EV sockets, 1.4m power cable + approx. 30 cm adapter
Total cable length	approx. 5 m
Temperature range	Storage: -30°C to +60°C Operation: -30°C to +50°C
Operating elevation limit	Up to 3,000 m above sea level
Impact and drop-proof	Able to withstand a wheel load of 2,000 kg should you drive over it by mistake (the rubber casing may burst, and the housing and plug may be scratched or bent, but live components will not be exposed). Drop-proof from heights up to 100 cm
Colour	Metallic anthracite, black rubber caps and cables
Material	Anodised aluminium with rubber caps
Standards	IEC 62752, IEC 62196, 61851-Mode2, 61851-Mode3 (with Type-2 and Type-3c adapters), EMC, RoHS



EU-Konformitätserklärung
 EU-Declaration of conformity
 Déclaration de conformité UE

Wir Juice Technology AG
We Kasernenstrasse 2
Nous CH-8184 Bachenbülach
 Tel. +41 41 510 02 19

erklären in alleiniger Verantwortung, dass das Produkt:
 hereby declare in our sole responsibility, that the product:
 déclarons de notre seule responsabilité, que le produit:

IC-CPD In Control and Protection Device
JUICE BOOSTER 2: JTJB2-EU*

mit den wesentlichen Anforderungen der nachfolgenden genannten Richtlinien und deren Änderungsrichtlinie übereinstimmt / complies with the essential requirements of the following guidelines and their amendment guidelines / est conforme aux exigences essentielles des lignes directrices suivantes et de leurs lignes directrices de modification.

2014/30/EU	Richtlinie Elektromagnetische Verträglichkeit (EMV) Electromagnetic Compatibility Directive (EMC) Directive sur la compatibilité électromagnétique
2011/65/EU	Richtlinie zu gefährlichen Stoffen in Elektro- und Elektronikgeräten Hazardous substances in electrical and electronic equipment directive (RoHS) Directive sur les substances dangereuses dans les équipements électriques et électroniques
2014/35/EU	Richtlinie über elektrische Niederspannungsgeräte Low voltage electrical equipment directive directive relative aux équipements électriques basse tension

Für die Beurteilung wurden die folgenden einschlägigen Normen oder normativen Dokumente herangezogen / The following relevant standards or norms were used for the assessment / Les normes ou documents normatifs pertinents suivants ont été utilisés pour l'évaluation

EN 62752:2016 + AC:2019 + A1:2020
 EN IEC 61000-6-2:2019
 EN IEC 63000:2018

EN IEC 61851-21-2:2021
 EN IEC 61000-6-3:2021

Ort:
Bachenbülach

Datum:
01.03.2023

Signatur:
Christoph R. Erni, CEO

Juice Technology AG
 Juice Services AG
 Juice Power AG
 Juice Telemetrics AG
 Kasernenstrasse 2
 CH-8184 Bachenbülach

info@juice-technology.com
 juice-world.com

Phone CH / Intl.
 +41-41 510 02 19

Telefon DE
 0800 3 400 600

MWSt/UID
 Juice Technology AG
 CHE-236.291.474
 DE815511383

Juice Europe GmbH
 Friedenheimer Brücke 20
 DE-80639 München

Juice Iberia S.L.
 Calle Medelin 3
 ES-29002 Málaga

Juice France SAS
 18 Place des Nymphéas
 FR-93420 Villepinte

Juice Nordics AB
 Edsbrogatan 1 A
 SE-75228 Uppsala

Juice Americas, Inc.
 333 3rd Avenue N.
 US-33701 St. Petersburg FL
 juice-americas.com

Juice Technology Co., Ltd.
 Zhejiang
 Lishui Digital Building
 Lianchuang Street No.153
 Future City, Yuhang District
 CN-Hangzhou
 juice-asia.com

Waren aus EU nur an diese Adresse
 gesch. from EU to this address only:
 Feldwiesenstrasse 8
 DE-79807 Lottstetten





MA-JB2

Please find more information about the product by visiting:
juice.world/jb2

