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Charging accelerator  
for e-vehicles with single-phase charging  
**JUICE PHASER**

Now you can legally charge your e-car with single-phase power at ratings of 25 amps and 5.8 kW, no matter where you are, and without the risk of causing unbalanced loads.

Simply connect the JUICE PHASER to a three-phase red CEE 16 AC socket. This device then automatically converts the 16-amp current to 25 amps.



[www.juice-technology.com](http://www.juice-technology.com)

# JUICE PHASER - charge faster with single-phase power

## External use

The JUICE PHASER housing is waterproof (protection rating IP65).



## Everything for the wall

Buy the wall bracket with the corresponding mounting set for your JUICE BOOSTER 2 and install everything conveniently on the wall.



## Single-phase e-car charging

Car manufacturers can save money by just fitting cars with single-phase chargers. This is at the expense of consumers, who are still only able to charge with up to 16-amp single-phase power from their domestic supply.

## No worries

The device communicates with JUICE BOOSTER 2, allowing it to switch on and off automatically, with no need for standby power, saving you around 50 euros a year.

## Tried and tested

The CEE 16 is an internationally approved industrial connector.



## Unbalanced loads – we take this problem very seriously

Unbalanced loads arise when the outgoing wires of a three-phase AC circuit are loaded unevenly.

In extreme cases, if larger unbalanced loads are not offset, this can lead to damage in the generators and power transformers in power plants due to overheating.

Virtually all European countries prohibit unbalanced loads in excess of 16 amps (single-phase power only). The current limit in Germany is actually 20 amps, but this is due to come down to 16 amps in the near future.



## Domestic power supplies

Many buildings have 25 amp protection. This means that the connected load available for charging e-cars is a maximum of 16 amps, as other domestic loads are usually drawing power at the same time.

## Fast single-phase charging

Simply connect to a red CEE 16 three-phase socket and charge with 5.8 kW single-phase power.

## Fast yet sturdy

Thanks to its ingenious quick mounting system, you can fit the JUICE PHASER to your wall in next to no time



## JUICE BOOSTER 2

Simply connect the JUICE BOOSTER 2 directly to the JUICE CONNECTOR, then stand back and enjoy simple, uncomplicated charging - no worries.

For more information on JUICE BOOSTER 2: [www.juice-technology.co/juice-booster](http://www.juice-technology.co/juice-booster)



## JUICE CONNECTOR

The aluminium connector has been designed using aerospace technology and communicates with the JUICE BOOSTER 2 to guarantee optimized charging.



## Flexibility

150 cm power cable offers ample reach to the nearest socket.

# JUICE PHASER – Stay ahead of the game with superfast charging



### Successfully tested

Vauxhall/Opel Ampera-E, Jaguar I-PACE, Hyundai Ioniq, Hyundai Kona, Nissan Leaf, BMW i3, Renault Master Z.E., Kia e-Niro, etc.



### Extremely easy to install

Thanks to internationally approved power connectors (CEE 16, three-phase) and the simple installation system.

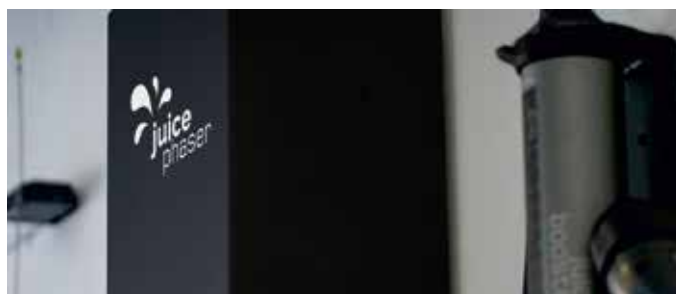


### Secure JUICE CONNECTOR

The sturdy aluminium connector can even withstand being run over, and offers guaranteed safety and flexibility during each charging process.



See here for more information and accessories  
[www.juice-technology.com/juice-phaser](http://www.juice-technology.com/juice-phaser)



## Technical specifications

<b>Dimensions</b>	Height: 432 mm, Depth: 175 mm Width: 274 mm
<b>Weight</b>	approx. 29 kg
<b>Input current</b>	400 V, 16 A (3-phase) AC
<b>Power output</b>	230 V, 25 A (single-phase) AC
<b>Power loss</b>	approx. 1.2% (approx. 70 W)
<b>Colour</b>	midnight anthracite / UV-reflective white* (*for external installation and optimum heat dissipation), black cable
<b>Operating temperature</b>	-25°C to +40°C

<b>CE conformity</b>	IEC 62752, 62196, 61851, Mode 2/3, EMC, RoHS
<b>Protection class</b>	IP65
<b>Connection</b>	CEE16, 400 V (IEC 60309)
<b>Mains-end</b>	Cable length 150 cm
<b>Connection vehicle-end</b>	JUICE CONNECTOR, designed to connect directly to JUICE BOOSTER
<b>Compatibility</b>	All single-phase electric cars with Type 1 or Type 2 charging sockets (incl. single-phase plug-in hybrid vehicles)

Subject to change without notice.