



JusEV Easy Charger – C Series

Compact, Comprehensive & Smart EV Home Charger

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JusEV C-Series Easy Charger

Product highlights

C-series easy charger highlights



SMALL

One of the smallest home charger with WIFI enabled for output power configuration.



EASY

Simple operation and easy installation can be done within 10 minutes.



SAFE

Integrated Type B RCD (6mA DC + 30mA AC).



AFFORDABLE

One of the cheapest Level 2 home charger rated 7.4kW capacity.



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Portfolio

JusEV C-Series Easy Charger

Technical features



Load management

- Adopt CT or electric meter solution to realize dynamic load balancing management, and easily solve the problem of overload



Built-in safety

- Integrated earth leakage protection 6mA DC and 30mA AC leakage detection
- Therefore, no Type B RCD is required



Connector

- Type 2 socket outlet with locking solenoid
- Compatible with all plug-in vehicles



Connectivity

- WIFI
- Power rating is adjustable from 6A to 32A via WIFI or DIP switch



Design

- Up to 7.4kW / 32A
- Single-phase supply voltage 230 VAC $\pm$ 20% @ 50 / 60 Hz
- Compact size as half of A4 paper only
- Wallbox type with wall-mounting
- Annular LED charging status indicator
- IP54 weather-proof for indoor and outdoor use
- IK08 impact resistance
- Natural cooling
- PC+ASA material with better performance in anti-flaming (UL94 V-0) and UV stabilization
- Operating temperature ranging from -25 ... +50 °C
- Max. 95% (non-condensing) of operating humidity
- Easy to install and maintenance



Compliance

- IEC 61851-1
- IEC 61851-22
- IEC 62196-2
- CE certified by TUV Rhineland



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Layout

Dimension & weight



Exploded view



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Hardware installation, testing & commissioning

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Hardware installation

Drilling preparation

Step 1

Select the charger where to install

Step 2

Mark the hole location using the mounting template included in the package

Step 3

Drill the mounting holes with the depth of 30mm



Get ready for wiring preparation



Step 1

Remove the front cover by pressing both snaps at the bottom



Step 2

Dismantle the wire cover at the back of the charger by removing 4 screws



Step 3

Adjust the output current via DIP switch. It also can be setup via WIFI



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Hardware installation

Wiring



Step 1

Strip and prepare the power cable with cable lugs for easy connection

Connect wire through out of out of the gland



Step 2

The wiring connection is made by simply inserting the prepared wire into "Push-fit" terminal blocks



Step 3

Reattach the wire cover and tighten up the screws

Mounting on the wall



Step 1

Attach the charger body to the wall on the fixed position by insert the expansion and tighten up the screws

Step 2

Restore the front cover to the charger

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Testing & commissioning

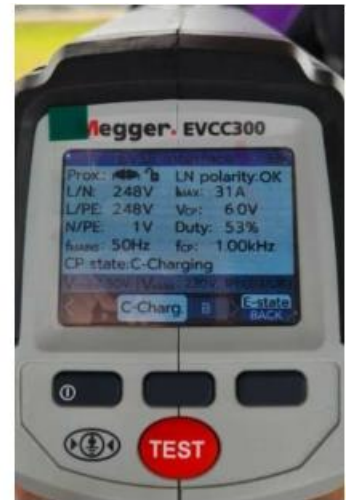
Certified EVSE mode 3 testing equipment

- Megger EV test kit:-
 - EV Charger Checker, **EVCC300**
 - EV Charge-point Adaptor, **EVCA210**
 - Multifunction Tester, **MFT1741+**



Required tests

- Electrical tests include:-
 - Continuity of protective conductors and bonding
 - Insulation resistances
 - Earth loop impedance
 - RCD operation
 - Phase sequence (on 3-phase systems)
- Function tests include:-
 - Error handling (Earth fault)
 - Communication
 - Vehicle state
 - Mechanical locking of plug
 - Other tests as appropriate



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FAQs

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FAQs

What should be considered before the installations?

- Available electricity to accommodate EV charging infrastructure
- Required charging capacity



How to charge my EV via C-series easy charger?

- Ensure the C-series easy charger is power ON
- Plug the cable into the vehicle
- Plug the cable into C-series easy charger
- The vehicle will start to charge immediately



Can I install C-series easy charger outside?

- YES
- Because JusEV C-series easy charger has standard protection degree up to IP54 and IK08, which considered as weather-proof



Can I engage my own electrician to install JusEV chargers?

- All JusEV chargers MUST be installed by JusEV in-house or approved installers
- This is to ensure that the charger is installed correctly and safe to use

