Wall-mounted DC fast charging stations for electric vehicles



A safe solution for fast charging of electric vehicles. The wall-mounted DC charging station is designed for safe and fast DC (direct current) charging in versions with a charging output of 15 kW or 40 kW, in indoor or outdoor environments, for various types and models of electric vehicles, for charging in residential or commercial buildings (hotels, company car parks, offices, etc.). The charging station allows easy installation and operation.

- Suitable for both residential and commercial use.
- Plug & Charge / Plug and charge.
- High protection rating for outdoor use.
- Efficient heat dissipation enabling stable and reliable operation.
- Can be mounted on a wall or pedestal.
- Protection rating up to IP54, water and dust resistant
- Mechanical impact resistance > IK8
- Touch LCD display 4.3”
- Emergency stop button
- Optional RFID identification

The DC01 charging station:

- offers three-phase connection enabling DC fast charging with an output of 15 kW or 40 kW depending on the version
- is always equipped with a built-in charging cable enabling convenient everyday charging
- standardně jsou modely s nabíjecím konektorem typu CCS2 (evropský standard), on request je možné dodat i s konektorem CCS1 (standard používaný v severní Americe)
- addresses the need for fast charging without excessive demands on input currents for vehicles equipped with single-phase AC charging only
- ideal for installation in residential buildings as well as smaller commercial premises
- has a high IP protection rating, enabling installation of the wallbox both in a garage and in outdoor environments such as car parks, outside buildings, etc.



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- is universally available with enhanced UV protection for outdoor installation
- is fully certified and the individual components as well as the complete station meet the highest standards and norms for electric vehicle charging
- can be extended with access control via wireless identification (card, chip, etc.) – on request
- as optional accessory, a robust metal installation pedestal is available (surface finish: galvanised + grey powder coating)

Technical Specifications

Model	DC01-15	DC01-40
Charging power	15KW	40KW
Input voltage	260~475V	
Grid connection	3P+N+PE	
AC input current	25A	64A
Output voltage	200~750V	
DC output current	25A/37A	133A
Frekvence	50 Hz	
Power factor	>0.9 of rated voltage	
Efficiency	95%	
LCD displej	4.3” TFT	
Dimensions (mm)	545*380*170	
Weight	30KG	64KG
Operating temperature	-20℃~+50℃	
IP protection rating	IP54	
IK mechanical resistance	>IK8	
Power cable	without supply cable	
Charging cable	5 m	
Charging connector	CCS2 standard / CCS1 on request	
RFID	on request	

Electrical connection requirements

Version / power	Specifikace produktu	Power cable specification	Protection requirements
15 kW	Input: 400V, 22A / Output: 15kW	5x6mm^2 / 5x10mm^2 / Cu	Circuit breaker 63A, RCD, Surge protection
40 kW	Input: 400V, 60A / Output: 40kW	5x16mm^2 / 5x25mm^2 / Cu	Circuit breaker 80A, RCD, Surge protection

Notes

- scope of delivery:
  - charging station with charging cable and connector of choice
  - user manual (Czech language)
  - installation manual (Czech language)
- language of control and installation menu: English



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