

DBL-HV-LW

High voltage mobile charging station

Mobile charger for electric and hybrid vehicles with plug type 2



- Flexible use
 - Charging AC type 2, 11-22kW
 - Robust construction (metal housing, IP54)
 - Powerful quick loader in compact design
- Optional External signal lamp (charging status)
 Optional ESD - tires

Abbildung ähnlich / device similar to figure



DBL-HV-LW-derivate table

Type	Input voltage	Input current	Output power	Mains cable length	Cat. No.
DBL11-HV-LW	400 V / 3AC	16A	11 kW	1 m	140564
DBL11-HV-LW	400 V / 3AC	16A	11 kW	5 m	140565
DBL22-HV-LW	400 V / 3AC	32A	22 kW	1 m	140566
DBL22-HV-LW	400 V / 3AC	32A	22 kW	5 m	140567

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 Technische Änderungen und Irrtümer vorbehalten. | Technical modifications and mistakes reserved.

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1 Input

Input voltage AC	400 V / 3AC	-
Max input current	16 A 32 A	DBL11-HV-LW (140564, 140565) DBL22-HV-LW (140566, 140567)

2 Charging connection data

Charging socket	Typ 2	-
Charging voltage	400 V / 3AC	-
Max. charging current	16 A 32 A	DBL11-HV-LW (140564, 140565) DBL22-HV-LW (140566, 140567)
Max. output power	11 kW 22 kW	DBL11-HV-LW (140564, 140565) DBL22-HV-LW (140566, 140567)
Vehicle communication	yes	-
Connector- vehicle recognition	yes	-
Charging mode	Mode 3	-
Connector interlock	yes	-
Emergency unlocking in case of power failure	yes	-

3 Enviroment

Working temperature	-30°C ... +50°C	-
Storage temperature	-30°C ... +50°C	-
Degree of protection	IP54	acc. to EN60529

4 General data

Standards	IEC 62196, DIN EN61851	-
Locking the charging box		Pull-off key switch
Dimensions (W x D x H)	531 x 582 x 992 mm	-
Weight	ca. 20 kg ca. 23 kg	Version with 1 m connection cable (140564, 140566) Version with 5 m connection cable (140565, 140567)

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5 Installation and safety instructions

- Integrated residual current circuit breaker (RCD) Typ B: 30mA AC, 6mA DC
Attention:
RCDs connected in series can cause the upstream RCD to go blind. This can no longer fulfil its function, which is why we strongly advise against such a constellation.
- The connection to the 3AC supply network is made via a CEE plug (3L+N+PE, 6h).
- **The terminal data of the DBL-HV-LW must be identical to those of the supply network.**
- Make sure that the DBL-HV-LW is never in the presence of explosive vapours or gases.
- Always check the device for defects before each start-up and use. Do not put it into operation if you notice irregularities or damage to the housing, cable or socket.
- The electrical safety of the DBL-HV-LW is only guaranteed if it is connected to a properly installed protective conductor system. It is essential that the basic safety requirements are in place. In case of doubt, have the electrical installation checked by a qualified electrician. The manufacturer is not liable for damage caused by a missing or interrupted protective conductor (e.g. electric shock).
- Protect your device from exposure to standing in moisture, strong dust, aggressive liquids and vapours.
- Do not place the DBL-HV-LW in the immediate vicinity of heat sources.
- The DBL-HV-LW must not be used as a shelf, seat or leaning surface - risk of tearing off!
- Persons who are not capable of operating the DBL-HV-LW safely due to their physical, sensory or mental abilities are not allowed to use this device without supervision or instruction by a responsible person. This also applies to persons with lack of knowledge or inexperience.
- Make sure that children, minors and generally unauthorised persons and animals do not have unsupervised access to the DBL-HV-LW.
- Check the packaging and the device for damage. In this case, do not operate the device. Contact the service of Deutronic Elektronik GmbH (www.deutronic.com → "Service & Support").
- **Read the operating instructions before first use!**

6 Operation

The operating instructions and further information on this product can be found at: www.deutronic.com

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