

## Data sheet

DC Vesper 40

DC Vesper-P 40



## Versatility Redefined with DC Vesper

Whether as a space-saving wall-mount for destination charging or a versatile portable unit for service hubs, our solution delivers high-speed performance with 40 kW DC power, low installation complexity, and the ultimate user-friendly interface to keep modern mobility moving.

# Highlights

Version: 02/2026



Wallbox type DC charger with 40 kW DC single outlet



Easy installation and service



Online via cellular, Wi-Fi and Ethernet



Remote and local load management via Modbus or OCPP



German Calibration Law Compliant



Vandal-proof metal body



Interaction via buttons and 7" Display



Ready for AutoCharge and ISO15118-2 Plug&Charge



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## Maximize Your Space, Minimize Your Costs.

Designed for the heart of the city, our sleek wall-mounted series offers 40 kW power boost with a minimal footprint. By drastically reducing infrastructure and installation requirements, it is the most economical way for shopping mall, restaurants, and retail hubs to become premium EV destinations.



## Charging Without Boundaries: The Portable Revolution.

Take the power exactly where it's needed. Our portable 40 kW version features a rugged wheeled chassis, an integrated 3-phase AC socket and required upstream protection devices, making it the perfect companion for EV service centers and flexible fleet management. Mobility meets high-speed performance in one versatile package.



## Seamless, Interaction, Effortless Transactions

Empower your users with a crystal-clear 7-inch display, illuminated buttons, and real-time SOC LED indicators for a transparent charging process. With an optional integrated POS terminal, we bridge the gap between technology and convenience by offering secure, direct credit card payment options.



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## General information

<b>Charging Mode</b>	DC, Mode 4
<b>Number of charging points</b>	Single outlet
<b>Charging Connector</b>	CCS2 cable
<b>Cable Length</b>	"3.5m and 5m cable length options (3m and 4.5m max for portable version)"
<b>Authorization</b>	Free mode, RFID, AutoCharge, ISO15118-2 Plug&Charge, OCPP

## Mechanical Details

<b>Mounting Type</b>	Wall mounted or portable
<b>Enclosure Material</b>	Sheet Metal with Powder Coating
<b>Dimensions (HxWxD)</b>	"DC Vesper :635.0 mm (H) x 630.0 mm (W) x 249.5 mm (D) DC Vesper P: 895.0 mm (H) x 774.0 mm (W) x 530.0 mm (D)"
<b>Weight</b>	"DC Vesper: 80 kg DC Vesper-P: 110 kg"

## Electrical Data

<b>Max. Output Power</b>	40 kW DC
<b>Input Rating</b>	230/400 Vac $\pm 10\%$ , 50/60 Hz, 61 A / 3 phase
<b>Output Voltage</b>	200-920V
<b>Output Current</b>	133A
<b>Power Factor, Efficiency</b>	> 0.98, > 95 %
<b>Earthing System</b>	3L+N+PE (TN, TT)
<b>IEC Protection Class</b>	Class I
<b>Internal Protections</b>	DC Vesper: 230Vac RCBO 1P+N, Type A, 30mA(system) DC Vesper P: 400Vac RCCB 3P+N, Type A, 30mA(system) Residual current sensing, Insulation monitoring, Over current / Over voltage / Under voltage / Short circuit / Over Temperature / Surge Protection"
<b>DC Meter (Optional for only Wallbox)</b>	"Optional MID certified meter Optional Eichrecht Approved meter"

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## Connectivity

<b>Communication interface to IT backend</b>	OCPP 1.6 J, OCPP 2.0.1 (via OTA Update) "Ethernet WLAN 802.11ac GSM 900/1800 UMTS 900/2100
<b>Protocols for communication with IT backend</b>	LTE Band 1/3/7/8/20/28A"
<b>Authentication methods</b>	"RFID (ISO-14443A/B and ISO-15693) AutoCharge using MAC ISO 15118-2 Plug&Charge Contactless Credit Card Reader with PIN on Glass (Optional)"
<b>User Interface</b>	Illuminated buttons
<b>Display</b>	7" Color TFT LCD without Touch Screen (16:9)

## Certification

<b>IP protection class</b>	IP54
<b>Impact resistance</b>	IK10
<b>Approvals</b>	CE, RoHS, REACH, GPSD, WEEE, Eichrecht IEC 61851-1:2017, IEC 61851-23 Part 23, IEC 61851-24 Part 24, IEC 62368-1:2014, IEC 60950-22:2016, IEC 60529-1:1989, IEC 61439-7: 2018, IEC 61851-21-2, EN 60068-2-1, EN 60068-2-14, EN 60068-2-2, EN 60068-2-3, IEC 61000-4-5, IEC 61000-4-11, IEC 61000-4-2, VES 30 431, VES 30 404, VES 30 407, EN 60068-2-6
<b>Standards</b>	

## Environmental conditions

<b>Environmental operating temperature</b>	-35°C to + 50 °C (Derating is applied over + 40 °C)
<b>Humidity</b>	5 % - 95% (Relative humidity, non-condensing)
<b>Cooling</b>	Forced Air Cooling Fan
<b>Areas of use</b>	Internal & External areas
<b>Operating altitude above sea level</b>	0 - 2000m

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## Technical drawing





