VESTEL
MOBILITY

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.

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www.vestelmobility.com

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

Highlights

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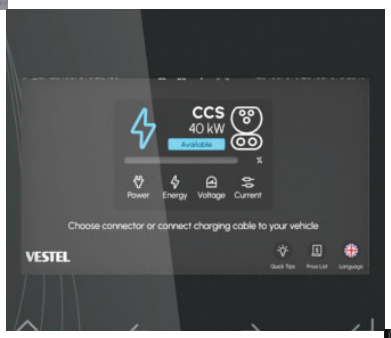
Maximize Your Space, Minimize Your Costs.

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, illumunated 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

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

Mechanical Details

Mounting Type	Wall mounted or portable
Enclosure Material	Sheet Metal with Powder Coating
Dimensions (HxWxD)	"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)"
Weight	"DC Vesper: 80 kg DC Vesper-P: 110 kg"

Electrical Data

Max. Output Power	40 kW DC
Input Rating	230/400 Vac ±10% , 50/60 Hz, 61 A / 3 phase
Output Voltage	200-920V
Output Current	133A
Power Factor, Efficiency	> 0.98, > 95 %
Earthing System	3L+N+PE (TN, TT)
IEC Protection Class	Class I
Internal Protections	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"
DC Meter (Optional for only Wallbox)	"Optional MID certified meter Optional Eichrecht Approved meter"

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Connectivity

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

Certification

IP protection class	IP54
Impact resistance	IK10
Approvals	CE, RoHS, REACH, GPSD, WEEE, Eichrecht
Standards	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

Environmental conditions

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

Highlights

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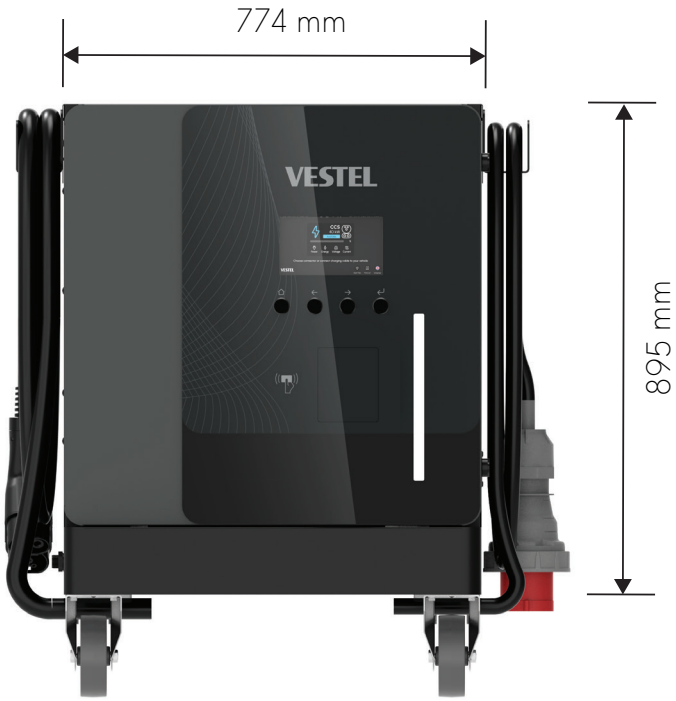
Technical drawing



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