

Data sheet DUO

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The all-in-one Compleo DUO is housed in a particularly durable enclosure that will never corrode. The all-in-one concept means that all components are integrated. This saves installation and operating costs – year after year.

In addition to user-friendliness and calibration law-compliant billing, the running costs are of particular importance when it comes to charging stations for commercial use. Protection against vandalism and reduction of service callouts are key points in this context.



Highlights

- Charging with up to 2x 22 kW AC
- Giro-e able
- Optional calibration law-compliant billing via SAM storage and display module
- Convenient single-hand operation
- LAN and 4G connectivity
- All protective components integrated
- Increased protection from vandalism due to highly impact resistant fibreglass reinforced plastic enclosure (IK10 rating, incl. display)
- Frontaccess point for connection and servicing
- Connection to IT backends via: OCPP 1.6J

Accessories

- SMC base + base filler granulate
- Installation kit for installation without ready-made base

Technical data

General informationen

Charging mode	AC, mode 3
Number of charging points	2
Charging connector	2x type 2 socket, incl. sliding cover
IT backend connection	OCCPP 1.6 JSON
Authorisation	Free charging, RFID, smartphone app, optional: Giro-e
Package dimensions (WxDxH)	120 x 80 x 165 cm, up to six charging stations on one Euro pallet

Mechanical details

Mounting type	Base mounted (bm)
Enclosure material	Sheet moulding compound (SMC)
Surface	Painting: enclosure RAL 7016, textured paint
Lock	Swivelling lever, built-in space for one profile half cylinder
Dimensions (HxWxD)	Base mounted version: 1441 x 400 x 225 mm
Weight	Approx. 35 - 45 kg, depending on added options

Electrical data

Maximum charging output per charge point	22 kW: type 2 socket
Nominal voltage, number of phases, nominal frequency	400 V; 3; 50 Hz
Maximum input current	32 A / 63 A per phase, configurable
Maximum output current	32 A
Device power consumption in standby mode	< 13 W
Connections	5-pole connection via main switch and PE terminal (up to 35 mm ²)
Earthing system	TN, TT
Protection	2x RCD type A; 2x DC residual current detection 6 mA; 2x circuit breaker C20 3P or C40 3P; 1x circuit breaker B16 1P
Overvoltage protection	Type 1+2+3 compliant with DIN EN 61643-11
Protection class	2
Welding detection	2x hardware-based redundant cut-off

Technical data

Connectivity

Communication interface to IT backends	LAN, mobile data network (2G/4G)
Protocols for communication with IT backends	OCPP 1.6 JSON
Protocols for communication with third-party devices	Modbus TCP/IP
Update capability	LAN, mobile data
Status display	LED status indicator for each charge point
Display	Size: 4.3" display

Certification

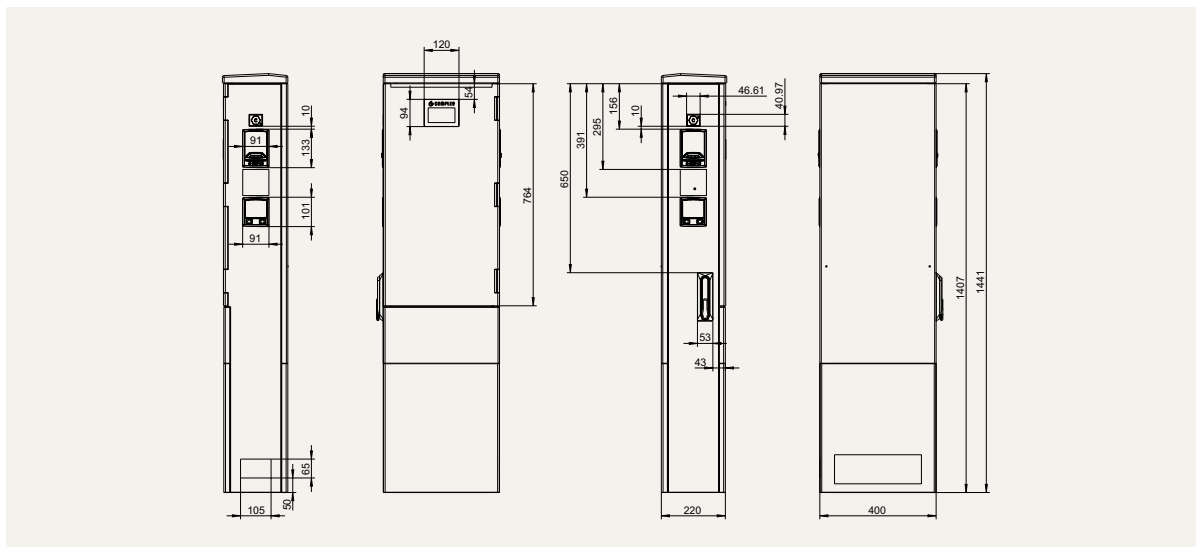
IP protection class	IP54
Impact resistance	IK08
Meter / German calibration law	MID-compliant smart meter, or with SAM® storage and display module
Approvals	CE, RoHS, REACH, GPSD, WEEE
Standards	DIN EN 61851-1; DIN IEC/TS 61439-7

Environmental conditions

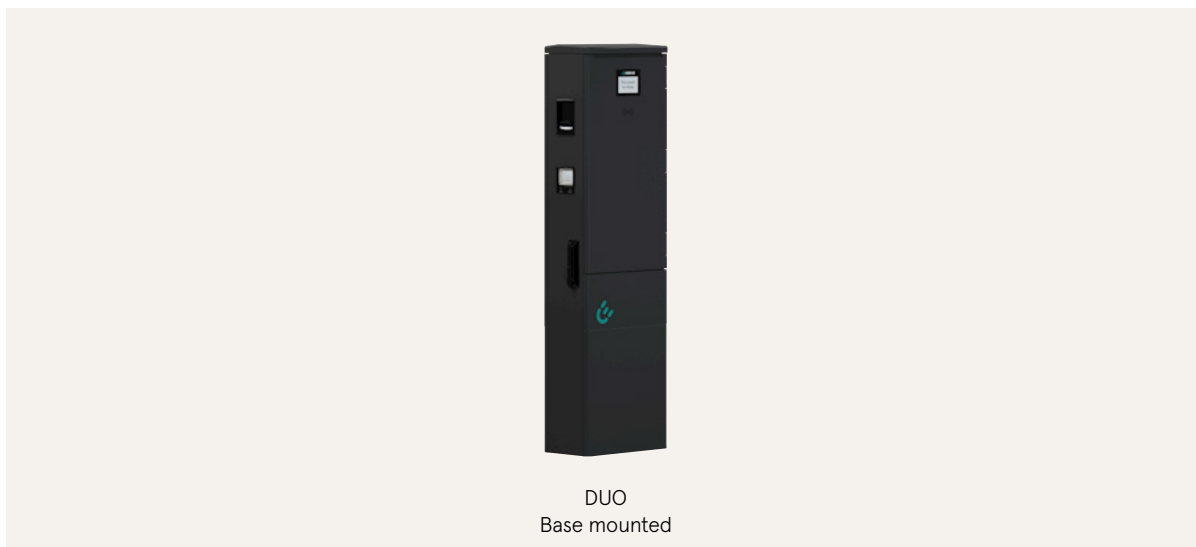
Storage temperature	-25 °C to +50 °C
Environmental operating temperature	-25 °C to +40 °C
Humidity	< 95 % (non-condensing)
Degree of pollution	3
Areas of use	Internal & external areas
Operating altitude above sea level	2,000 m max.

Technical data

Technical drawing



Mounting options





The power to move



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