

Data sheet DUO

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.

The Highline package was developed especially to address these issues.



Product images contain special coloring.

Highlights

- Charging with up to 2x 22 kW AC
- Optional calibration law compliant-billing via SAM® storage and display module
- Convenient single-hand operation
- LAN and 4G connectivity
- All protective components integrated
- Optional with RCD self-test function
- Optional with lockable sockets
- Increased protection from vandalism due to highly impact resistant fibreglass reinforced plastic enclosure (IK10 rating, incl. display)
- Single point of service – frontal access for connection and servicing
- Connection to IT backends via: OCPP 1.6J
- Optional customised vinyl branding or paint design
- Optional with Giro-e

Options & Accessories

- 2x fixed type 2 spiral lead; 6.5 m usable length; 11 kW charging power
- Giro-e; minimum order quantity 100 units
- Calibration law-compliant with SAM®
- Type 1+2+3 surge protection; compliant with DIN EN 61643-11
- IT backend connection
- Inclusion of 3x RFID in whitelist
- Highline package; incl. self-resetting RCDs and lockable sockets
- Pole mounted version
- Ground mounted version
- Painting of charging station and top cover; in RAL colour; plus €410 per order
- SMC base + base filler granulate
- Installation kit; for installation without ready-made base
- Load management packages
- Load management configuration service

Technical data

General informationen

Charging mode	AC, mode 3
Number of charging points	2
Charging connector	2x type 2 socket, incl. sliding cover; optional 2x type 2 spiral lead (6.5 m)
IT backend connection	OCPP 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	Wall mounted (wm); optional: Pole mounted (pm) or Base mounted (bm)
Enclosure material	Sheet moulding compound (SMC)
Surface	Painting: enclosure RAL 9010; top cover RAL 7004, textured paint
Lock	Swivelling lever, built-in space for one profile half cylinder
Dimensions (HxWxD)	Wall mounted version: 1000 x 400 x 225 mm; pole mounted version: 1000 x 400 x 225 mm; 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; 11 kW: type 2 spiral lead
Nominal voltage, number of phases, nominal frequency	400 V; 3; 50 Hz
Maximum input current	32 A / 63 A per phase, configurable
Device power consumption in standby mode	< 13 W
Connections	5-pole connection via master 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 2+3 compliant with DIN EN 61643-11 or optional 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

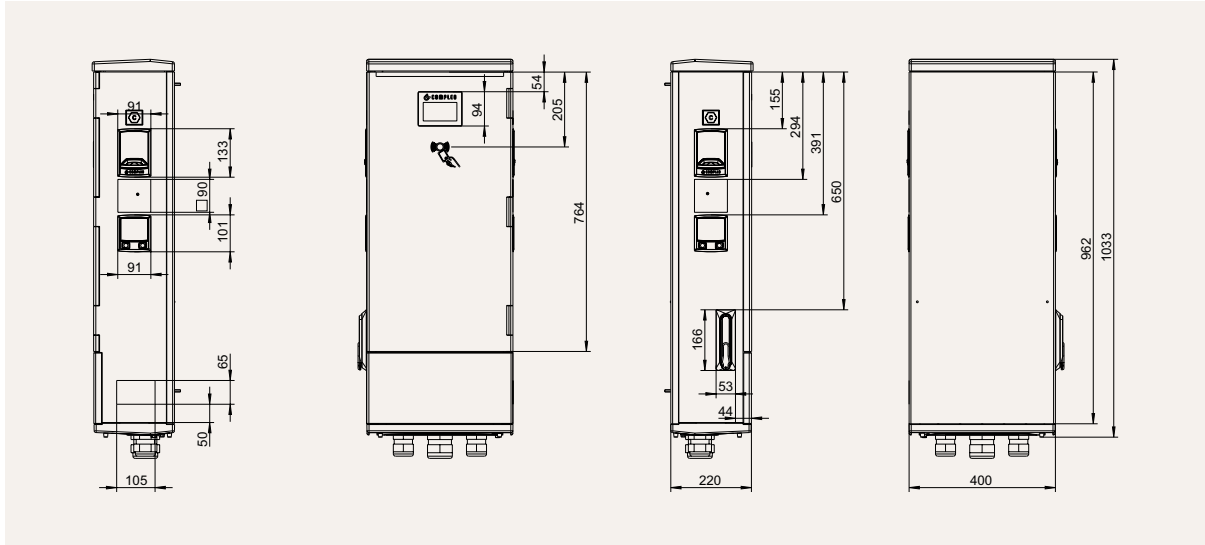
IP protection class	IP54
Impact resistance	IK08
Meter / German calibration law	MID-compliant smart meter, or with SAM® storage and display module
Approvals	CE, RoHS, REACH, GPSD, WEEE
Standards	DIN EN 61851-1; DIN IEC/TS 61439-7

Environmental conditions

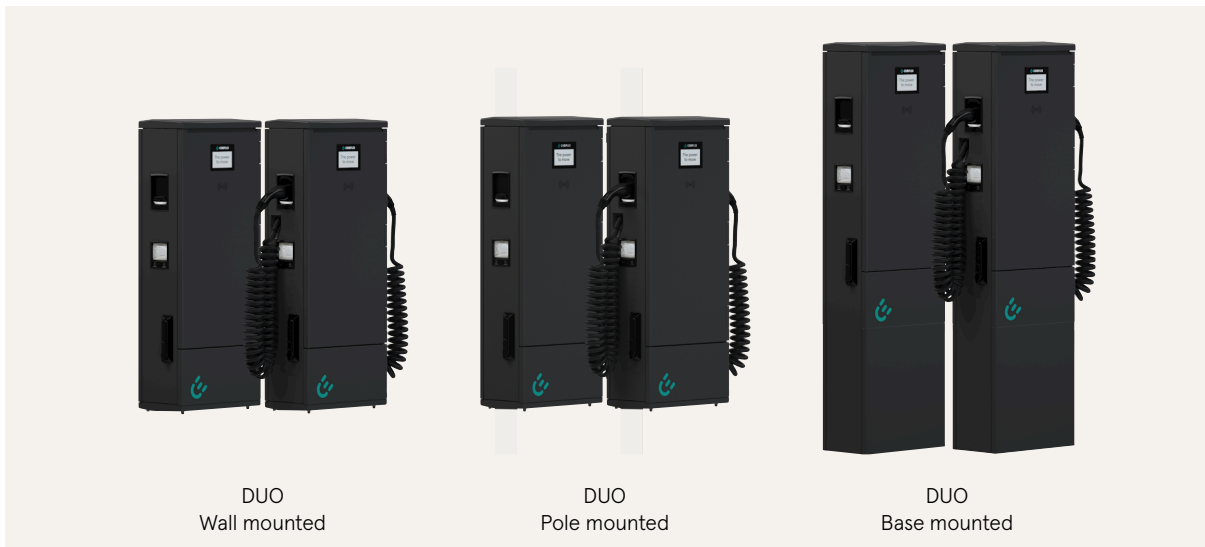
Storage temperature	-25 °C to +50 °C
Environmental operating temperature	-25 °C to +40 °C
Humidity	< 95 % (non-condensing)
Degree of pollution	3
Areas of use	Internal & external areas
Operating altitude above sea level	2,000 m max.

Technical data

Technical drawing



Mounting options





The power to move



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Technical changes and errors excepted.