



P-CHARGE Wallbox Duo

Compact design for wall mounting in the various areas of operation

The P-CHARGE Wallbox Duo was designed as a compact, wall-mounted charging station for deployment in a variety of application areas. Integration into public installations is possible via the optional RFID Authentication. Individual socket units within the Wallbox Duo can be interchanged to ensure optimal connection according to local requirements. A higher level of protection against injury is achieved through the integration of an AC/DC sensitive RCCB.

Compact and robust for wall mounting

COLOR SCHEMES	<ul style="list-style-type: none">• Body RAL 9003• Housing coating RAL 9003• Housing plates RAL 6018• Custom color scheme on request
DIMENSIONS / WEIGHT	<ul style="list-style-type: none">• HxBxD: approx. 335x700x170 mm• Depth with charging cable: approx. 236 mm• Weight: approx. 17kg
INSTALLATION AND ASSEMBLY	<ul style="list-style-type: none">• Wall mounting• Recommended height of installation: approx. 1250m (middle charging outlet)• On-wall and in-wall cable routing<ul style="list-style-type: none">- On-wall from below- In-wall from rear• Suitable for interior and exterior locations
ENVIRONMENTAL CONDITIONS	<ul style="list-style-type: none">• Operational temperature: -25°C to +40°C• Environmental air pressure: 860hPa to 1060hPa• Environmental humidity: 5% to 95% (not condensed)
ELECTRONIC DATA	<ul style="list-style-type: none">• Nominal power configurable: 10A, 13A, 16A, 20A, 25A, 32A• Grid frequency: 50Hz• Nominal voltage: 230/400V AC• Terminals: 100mm², (L1, L2, L3, N and PE)• Protection class: IP54• AC/DC sensitive RCCB with over-current release: RCD Type B, C Characteristic Rated residual current IΔn 30mA• Installation contactor: rated operating voltage 440V, rated operating current 24A• Energy meter pulse counter with SO interface: Three-phase AC 3x65A 1000 impulse/kWh, Accuracy class 1/B• Power supply/control voltage: Output voltage 12V/ Nominal voltage 36V• Overvoltage category: III• Impact strength: IK10• Possible integration of customer-installed ventilation system• Charging mode in accordance with IEC 61851-1 (Mode 3)• Ethernet connection (RJ45)• Operating status via LED in buttons
DIRECTIVES AND REGULATIONS	<ul style="list-style-type: none">• IEC 61851-1:2010 and / or EN 61851-1:2011 - Part1: General requirements• IEC 61851-1:-22 and / or EN 61851-22:2002: AC charging stations for electric vehicles• IEC 61439-5:2010 EN 61439-5:2011 - Part 5: Switching device combinations in public energy distribution networks• IEC 61439-7:2011 and / or EN 61439-7:2011 – Part 7 (Draft): Switching device combinations for specific types of industrial premises, buildings and plants such as marinas, camp-sites, marketplaces etc, as well as for application in charging stations for powering electric vehicles.• VDE 0100-722 – Part 7-722: Construction of low-voltage electrical installations - Part 7-722: Specifications for specific types of industrial premises, buildings and plants• VDE-AR-N 4102: Terminal boxes in open-air locations on low voltage grid in accordance with the general regulations for supply- and technical connections for connecting to locally installed switching and control cabinets, meter connection pillars, telecommunication plants and charging stations for electric vehicles.

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Technical data (variant specific)

ATTENTION: The absolute charging capacity is vehicle specific!

Item no.	Version	Schuko		
		IEC 62196-2 Type2 (16A)	IEC 62196-2 Type2 (32A)	
261010-000	RFID card e-car basic	0	2	0
261010-300	e-car mixed	1	1	0
261010-400	e-car premium	1	0	1



**P-CHARGE
WALLBOX DUO**
with RFID activation

Item no.	Version	Schuko		
		IEC 62196-2 Type2 (16A)	IEC 62196-2 Type2 (32A)	
261010-001	Buttons e-car basic	0	2	0
261010-301	e-car mixed	1	1	0
261010-401	e-car premium	1	0	1



**P-CHARGE
WALLBOX DUO**
with buttons (no activation
required)