

CH-W-S-A22-P-V**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Orders on request only



Smart charging solutions for individual challenges - The intelligent and networkable EV charging box family AC SMART. Ready for any application scenario in the private and commercial sector: from simple charging with a single charging point through integration into smart grids to the complex management of entire charging parks.

The three platform-based feature lines ECO, VALUE and ADVANCED cover the most common use-cases and can be adapted to individual applications by means of standardized interfaces and versatile configuration options. Clever features, such as RFID- or mobile app-based user authentication, adjustability of the charging current, integrated load and charge management or self-sufficient PV surplus charging, make the AC SMART Boxes a flexible, customizable and in addition to that, an efficient and sustainable charging solution.

General ordering data

Version	Wallbox, max. charging capacity of 22 kW @ 3-phase (400 V) grid connection, max. current 32 A, With attached 5 m cable and type 2 plug, Mobile App, RFID/NFC
Order No.	2875250000
Type	CH-W-S-A22-P-V
GTIN (EAN)	4064675650812
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Depth	149 mm	Depth (inches)	5.866 inch
Height	439 mm	Height (inches)	17.283 inch
Width	273 mm	Width (inches)	10.748 inch
Net weight	6,808 g		

Temperatures

Storage temperature	-40 °C...70 °C	Operating temperature	-30 °C...50 °C
Humidity	5 - 95% rel. humidity		

Material data

Max. relative humidity during storage	95 %	Operating temperature, max.	50 °C
Operating temperature, min.	-30 °C	Storage temperature, max.	70 °C
Storage temperature, min.	-40 °C		

Approvals and norms

ROHS	Approvals	IEC 61851-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN 50620, EN 301 489-1, EN 301 908-1, EN 301 511, EN 300 328, EN 300 330 v.2.1.1, EN 62368-1, EN 55011
Conform		

Classifications

ETIM 6.0	EC002883	ETIM 7.0	EC002883
ETIM 8.0	EC002883	ETIM 9.0	EC002883
ETIM 10.0	EC002883	ECLASS 9.0	27-14-47-01
ECLASS 9.1	27-14-47-01	ECLASS 10.0	27-14-47-01
ECLASS 11.0	27-14-47-01	ECLASS 12.0	27-14-47-01
ECLASS 13.0	27-14-47-01	ECLASS 14.0	27-14-47-01
ECLASS 15.0	27-14-47-01		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cl
REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	d677010f-3c13-4196-b022-f62e8f2ef6a2

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/
ROHS	Conform

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Technical data

Downloads

Approval/Certificate/Document of Conformity	CE declaration Warranty Weidmüller e-mobility products Gewährleistung Weidmüller e-mobility Produkte Self declaration test certificates AC SMART Selbsterklärung Testzertifikate AC SMART
Engineering Data	Installationsvideo AC SMART Installation Video AC SMART AC SMART Modbus registers Application notes – Use of an external Modbus TCP/RTU tag list (DE, EN) Application notes – PV-surplus charging AC SMART (DE, EN) Application notes – Integration of the AC SMART into an external load management (DE, EN) 3D Model AC SMART Application notes – Communication of the AC SMART to a backend
Software	Firmware – Archive Firmware files AC SMART Firmware – Release notes Current firmware AC SMART Firmware – Latest Firmware Package AC SMART for Version 01.05.00 or newer (EN, FI, SV) Firmware – Latest Firmware Package AC SMART for Version 01.05.00 or newer (EN, ES) Firmware – Latest Firmware Package for Version 01.05.00 or newer (EN, DE, FR, IT) Firmware – Latest Firmware for Version 01.04.05 or older (EN, FI, SV) Firmware – Latest Firmware for Version 01.04.05 or older (EN, ES) Firmware – Latest Firmware for Version 01.04.05 or older (EN, DE, FR, IT)
Technical Documentation	Abnahmeprotokoll AC SMART
Tender specification	Ausschreibungstext Tender text
User Documentation	Broschüre Wallbox AC SMART, AC Ladekabel, Basiskomponenten Brochure EV charging box AC SMART, AC charging cables, Basic components Instructionsheet AC SMART MANUAL AC SMART (DE) MANUAL AC SMART (EN) MANUAL AC SMART (FR) MANUAL AC SMART (IT) MANUAL AC SMART (ES) MANUAL AC SMART (NL) MANUAL AC SMART (NO) MANUAL AC SMART (SV) MANUAL AC SMART (CS) MANUAL AC SMART (HU) OCPP 1.6 Documentation (EN/DE) MANUAL AC SMART (PL) MANUAL AC SMART (TR) MANUAL AC SMART (FI)
Catalogues	Catalogues in PDF-format

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Drawings



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Accessories

AC Boxes



General ordering data

Type	PVC AC 1I 1O SPD2R + RJ ...	Version
Order No.	8000104168	AC voltage version, Auxiliary and alarm contact, TN-C-S, TN-S, IT with
GTIN (EAN)	4099986573475	N, IT without N, TT
Qty.	1 pc(s).	

Stands



Whether carport, driveway, front garden, customer, or employee parking lot: With the easy to assemble Weidmüller stand, you are flexible in your choice of installation location. Thanks to its compact and timeless design, the Weidmüller stand fits into any architectural environment. The housing surfaces offer space for individualization – for example with logos or company names. Premium components and materials, certified production in Germany, as well as the durable design with ease of installation, underline the sustainable concept of the charging solution.

General ordering data

Type	ST-W-S-SINGLE
Order No.	2904100000
GTIN (EAN)	4099986531321
Qty.	1 pc(s).
Type	ST-W-S-DOUBLE
Order No.	2915210000
GTIN (EAN)	4099986543478
Qty.	1 pc(s).
Type	ST-W-S-BLANK
Order No.	2904120000
GTIN (EAN)	4099986531581
Qty.	1 pc(s).

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Accessories

Design-Cover

Design-Cover for AC SMART in white and black.



General ordering data

Type	EQ-W-S-C2-D-BK
Order No.	2958080000
GTIN (EAN)	4099986745766
Qty.	1 pc(s).

Type	EQ-W-S-C2-D-WH
Order No.	2922620000
GTIN (EAN)	4099986617865
Qty.	1 pc(s).