



Weidmüller – Your partner in Industrial Connectivity

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Industrial Connectivity.

We cannot guarantee that there are no mistakes in the publications or software provided by us to the customer for the purpose of making orders. We try our best to quickly correct errors in our printed media.

All orders are based on our general terms of delivery, which can be reviewed on the websites of our group companies where you place your order. On demand we can also send the general terms of delivery to you.

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Made in Germany

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e-mobility

Charging box family AC SMART

Smart charging solutions for individual challenges



Weidmüller 

The smart and connected charging box family

AC SMART

ECO. VALUE. ADVANCED.

Nowadays, a forward-looking, effective and efficient EV-charging infrastructure must be able to cover a wide variety of frameworks, challenges and preferences.

The new charging box family AC SMART offers the optimal charging solution for every application scenario in the private and commercial sector and sets new standards with its smart functions. From simple charging with a single charging point through integration into smart grids to the complex management of entire charging parks. The platform-based charging concept with its basic equipment in three lines ECO, VALUE and ADVANCED covers the most common applications and can be adapted to individual applications by means of standardised interfaces and versatile configuration options.



Are you interested in the topic of PV excess charging?

Our experts will be happy to advise you on your individual project. Contact us now:



The perfect solution for every application

	ECO	VALUE	ADVANCED
Max. charging power 7.4 kW (1-phase)	✓	✓	✓
Max. charging power 11 kW (3-phase)	✓	✓	✓
Max. charging power 22 kW (3-phase)	✓	✓	✓
Attached EV charging cable with 5m length and type 2 plug	✓	✓	✓
Socket outlet Type 2 with integrated shutter	✓	✓	✓
Residual current detection (DC)	✓	✓	✓
Max. charging current adjustable	✓	✓	✓
Digital inputs	✓	✓	✓
Serial communication (RS485/Modbus-RTU)	✓	✓	✓
Ethernet communication (Modbus-TCP)	✓	✓	✓
WLAN interface	✓	✓	✓
Mobile App	✓	✓	✓
Data communication acc. to OCPP 1.6 (J)	—	✓	✓
Access control via RFID	—	✓	✓
Load- and chargemanagement (static)	—	✓	✓
Load- and chargemanagement (dynamic)	—	—	✓
MID compliant energy meter	—	—	✓
Mobile modem incl. flat rate SIM* (LTE)	—	—	✓
Powerline communication with EV (AutoCharge)	—	—	✓

* 1 GB respectively 10 years

Charging box family AC SMART

Your benefits at a glance

- Power classes from 7.4 kW to 22kW
- LAN, WLAN and Bluetooth interfaces integrated by default
- Mobile app for wallbox configuration, status information and charging release
- Load/charge management in different versions
- Future-proof due to prepared interface for ISO 15118

