

Firmware change-log of new features and bug fixes of the AC-Smart Wallbox family

Order No.	Part designation	Version
2863090000	CH-W-S-A11-P-E	Eco, 3ph; 11kW; 16A; Plug 5m
2863070000	CH-W-S-A11-S-E	Eco, 3ph; 11kW; 16A; Socket
2863100000	CH-W-S-A22-P-E	Eco, 3ph; 22kW; 32A; Plug 5m
2863080000	CH-W-S-A22-S-E	Eco, 3ph; 22kW; 32A; Socket
2875210000	CH-W-S-A7.4-P-E	Eco, 1ph; 7,4kW; 32A; Plug 5m
2875200000	CH-W-S-A7.4-S-E	Eco, 1ph; 7,4kW; 32A; Socket
2911200000	CH-W-S-A11-P7.5-E	Eco, 3ph; 11kW; 16A; Plug 7,5m
2911210000	CH-W-S-A11-P10-E	Eco, 3ph; 11kW; 16A; Plug 10m
2911220000	CH-W-S-A22-P7.5-E	Eco, 3ph; 22kW; 32A; Plug 7,5m
2875240000	CH-W-S-A11-P-V	Value; 3ph; 11kW; 16A; Plug 5m
2875220000	CH-W-S-A11-S-V	Value; 3ph; 11kW; 16A; Socket
2875250000	CH-W-S-A22-P-V	Value; 3ph; 11kW; 32A; Plug 5m
2875230000	CH-W-S-A22-S-V	Value; 3ph; 11kW; 32A; Socket
2911240000	CH-W-S-A11-P7.5-V	Value; 3ph; 11kW; 16A; Plug 7,5m
2911250000	CH-W-S-A11-P10-V	Value; 3ph; 11kW; 16A; Plug 10m
2911260000	CH-W-S-A22-P7.5-V	Value; 3ph; 22kW; 32A; Plug 7,5m
2875260000	CH-W-S-A11-S-A	Advanced; 3ph; 11kW; 16A; Socket
2875270000	CH-W-S-A22-S-A	Advanced; 3ph; 22kW; 32A; Socket
2911280000	CH-W-S-A11-P7.5-A	Advanced; 3ph; 11kW; 16A; Plug 7,5m
2911300000	CH-W-S-A22-P7.5-A	Advanced; 3ph; 22kW; 32A; Plug 7,5m

Firmware updating Information:

An update of the firmware can be done via the web server. A description of the firmware update can be found in the manual on the Weidmüller website: www.weidmueller.com

Software Version: 01.00.10**Hardware Version 01.00.xx****Release date: Dezember 2022**

- Initial Release
- Related Software
 - Bluetooth:
Software Version: 6.380.14.223 Release date: Dezember 2022
 - Initial Release
 - WIFI
Software Version: 3.2.4.4 Release date: Dezember 2022
 - Initial Release

Software Version: 01.01.10**Hardware Version 01.00.xx****Release date: Februar 2023**

- New Features:
 - Dynamic Loadmanagement (only Advanced)
 - OCPP-Communication via Cellular Modem (only Advanced)
 - Charging data storing (only Value/Advanced)
 - Charging data export (only Value/Advanced)
 - PLC-Module presence check (only Advanced)
- Bug Fixes:
 - Time accuracy approved
 - ASCII control characters in Modbus registers will be rejected
 - “+” character is now allowed in passwords etc.
 - “Active charging duration” now set to zero, if charging is deauthorized and authorized again without state A
 - Factory reset now deletes also WIFI and Bluetooth data
 - Taskbar description in Webserver adapted
 - General webserver optimization
 - General stability improvement
- Related Software
 - Bluetooth:
Software Version: 6.380.14.224 Release date: January 2023
 - Bug Fixes:
 - Security gap while bluetooth coupling process closed
 - WIFI
Software Version: 3.2.4.6 Release date: January 2023
 - Bug Fixes:
 - General stability improvement

- New Features:
 - Load management improved
 - Read out and usage of driven current from car (closed loop system)
 - No current reservation for cars in state B
 - Fallback current while connection timeout adapted (new Modbus RTU/TCP Register): Static load management: 6A, dynamic load management 0A
 - General improvements
 - PV-Charging added
 - Possibility to use Modbus-TCP communication to external measurement device added for PV-Charging & load management
 - Individual configuration
 - Preconfigured for Kostal inverter
 - Authorisation via Power Line Communication (car MAC-Address) added
 - Note: Possibility of crosstalk if two or more cars a plug in at the same time
 - Error message for missing SIM card for cellular communication added
 - Full power mode for RFID added (better support of RFID cards)
 - Possibility for external RFID/MAC authorization added (see application node)
 - Reactive and apparent power measurement added
 - Reactive overcurrent error added
 - Logs can be downloaded via webserver as TXT-File
 - Dubbel password entering for password change
- Bug Fixes:
 - Bug while provider or connection mode change in cellular communication fixed
 - Bugfix for big OCPP messages over cellular communication
 - Optimized certificate handling with cellular communication
 - Last found tag will now be deleted after 60s
 - Over current limits adapted because of tolerances of different measuring methods
 - Website optimization for mobile devices
 - General website optimization
 - Current and power values set to zero while relais are open
 - Bugfix for digital Input in Eco-Variants
- Related Software
 - PLC:
 - Software Version: 01.00.00 Release date: April 2023
 - Initial Version with authorization via PLC read out of car mac
 - Bluetooth:
 - Software Version: 6.380.14.224 Release date: January 2023
 - See above
 - WIFI
 - Software Version: 3.2.5.0 Release date: April 2023
 - Bug Fixes:
 - General stability improvements