

EC-CHARGE[©]

CONTROL MODULE FOR CHARGING STATIONS



EC-CHARGE[©]

The EC-CHARGE[©] electronic solution for charging stations is available in various feature variants.

	AC Charging		DC Charging
Variant	EC-CHARGE [©] MID	EC-CHARGE [©] HIGH	EC-CHARGE [©] DC
Charging mode for vehicles			
Mode 3 – AC charging - Low Level (CP)	yes	yes	yes
Mode 3 – AC charging - Low (CP) & High Level (PLC)	yes	yes	yes
Mode 4 – AC/DC charging - Low- & High Level (CP & PLC)	yes	yes	yes
Supported communication mechanism			
Backend communication – (OCPP) via 4G and Ethernet	on request	yes	yes
Energy Manager EEBus	on request	yes	yes
Platforms			
Main processor (MPU) – Linux operating system	NXP i.MX6 Dual Core	NXP i.MX 8M Plus Quad Core	NXP i.MX 8M Plus Quad Core
Co-processor (MCU) – signals & control	yes	yes	yes
Hardware support for terminal solutions			
Video output (HDMI)	yes	yes	yes
Wired device connection (USB)	yes	yes	yes
Device connection via radio frequencies (BT/WiFi)	yes	yes	yes

Do you need an individual solution?

Whether additional interfaces, a more powerful platform from the same microcontroller family, additional software packages, e.g. for the backend connection or an individual terminal application – please contact us!

