

EC-CHARGE[©]

CONTROL MODULE FOR CHARGING STATIONS



EC-CHARGE[©]

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

Variant	AC Charging			DC Charging
	EC-CHARGE [©] LOW	EC-CHARGE [©] MID	EC-CHARGE [©] HIGH	EC-CHARGE [©] DC
Charging mode for vehicles				
Mode 3 – AC charging - Low Level (CP)	yes	yes	yes	yes
Mode 3 – AC charging - Low (CP) & High Level (PLC)	no	yes	yes	yes
Mode 4 – AC/DC charging - Low- & High Level (CP & PLC)	no	yes	yes	yes
Supported communication mechanism				
Backend communication – (OCPP) via 4G and Ethernet	on request	on request	yes	yes
Energy Manager EEBus	no	on request	yes	yes
Platforms				
Main processor (MPU) – Linux operating system	NXP i.MX6 Solo Core	NXP i.MX6 Dual Core	NXP i.MX8 Mini Quad Core	NXP i.MX8 Mini Quad Core
Co-processor (MCU) – signals & control	yes	yes	yes	yes
Hardware support for terminal solutions				
Video and audio output (HDMI)	yes	yes	yes	yes
Wired device connection (USB)	yes	yes	yes	yes
Device connection via radio frequencies (BT/WiFi)	yes	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!

