



eRail is a portable, all-in-one EV charging system designed for charging multiple vehicles from a single grid connection. The system combines integrated load management, backend connectivity, and robust mechanical design into a surface-installed solution for fast setup and reliable operation in demanding environments.

Designed and manufactured in Finland.

CAPACITY

Up to 12 charging points

CHARGING POWER RANGE

11 - 40 kW

DEPLOYMENT

Portable, surface-installed

BACKEND COMPATIBILITY

OCPP 1.6J

GRID CONNECTION

Single grid connection

LOAD MANAGEMENT

Dynamic load balancing

	eRail 8AC	eRail 8AC4DC
Charging outputs	8 × AC (Type 2)	8 × AC (Type 2) + 4 × DC (CCS2)
Charging power (per point)	AC: 11 kW or 22 kW	AC: 11 kW or 22 kW DC: 40 kW
Grid connection	Plug & play (2 × 63 A) or fixed	Fixed
Minimum grid capacity	63 A / 44 kW (11 kW mode) 2 × 63 A / 88 kW (22 kW mode)	Defined per project
Load & energy management	Dynamic load balancing, integrated energy monitoring	Dynamic load balancing, integrated energy monitoring
Charging cables	AC: 5 m coiled	AC: 5 m coiled DC: 5 m straight
Cable management	Integrated	Integrated (DC assisted handling)
User interface & access	RFID, remote access, LED status indicators	RFID, remote access, LED status indicators
Connectivity & protocols	OCPP 1.6J, third-party backends supported	OCPP 1.6J, third-party backends supported
Installation	Portable, surface-installed	Portable, surface-installed