

The many advantages of the eStation smart RFID:

- » 2 charge ports with Type 2 sockets
- » Simultaneous charging of two vehicles
- » Charging power up to 22 kW AC for each charge port
- » Connection to the backend over cellular network
- » Remote monitoring of the device status and access to charging records
- » User authentication through RFID card
- » kWh metering
- » ISO 15118 – Plug&Charge and Smart-Grid
- » Load management ready for the individual charge ports
- » Robust design using steel enclosures including ram protection
- » Integrated connection box for grid input

Overview

Technical data

Model name:	eStation smart RFID
Mounting:	Freestanding mounted to concrete base or solid concrete floor
Charge ports:	2
Dimensions (H x B x T):	1460 x 300 x 200 mm
Weight:	eStation ca. 42 kg, Ramming housing ca. 18 kg, Foundation ca. 100 kg (alternative screw on mounting frame: ca. 12 kg)
Operating temperature:	-25 °C to +40 °C
Protection:	IP 54
Material:	Body: BL EN10131-2,5_ST EN10130-1.0330-A-M (steel) Cover and plates: BL EN 573/485-ALMG3-H22-5,0 (aluminum)

Electrical Data

Charge port socket:	Typ 2
Output:	400 V AC, 3 phase, 32 A (22kW) x 2
Charge mode:	Mode 3: IEC 61851
Safety:	Per charge port: <ul style="list-style-type: none">» Personal protection: Residual current device (RCD Typ A) (Within the eStation smart RFID)» Integrated power monitor for DC fault monitoring (integrated in the eStation smart RFID)» Short-circuit/overload protection circuit breaker (included within the eStation smart RFID)
Internal consumption:	10.5 W

Function

Display:	4 LED colors indicate operating status (box ready, vehicle detected, charging active, fault detected)
Authentication:	RFID
Communication:	Control of charging current via pilot signal to IEC 61851-1:2012
Consumption measurement:	Meters mounted inside housing

