

# RDX Charger



Description	Order Code
Robotina Dynamic Charger with type 2 cable and RFID card reader	<b>RDX-RF</b>
Robotina Dynamic Charger with type 2 cable, RFID card reader and residual current device	<b>RDX-RF-R</b>
Robotina Dynamic Charger with type 2 cable, RFID card reader and IOT Linker	<b>RDX-RF-I</b>
Robotina Dynamic Charger with type 2 cable, RFID card reader, residual current device and IOT linker	<b>RDX-RF-RI</b>
Robotina Dynamic Charger with type 2 cable and QR code reader	<b>RDX-QR</b>
Robotina Dynamic Charger with type 2 cable, QR code reader and residual current device	<b>RDX-QR-R</b>
Robotina Dynamic Charger with type 2 cable, QR code reader and IOT Linker	<b>RDX-QR-I</b>
Robotina Dynamic Charger with type 2 cable, QR code reader, residual current device and IOT linker	<b>RDX-QR-RI</b>

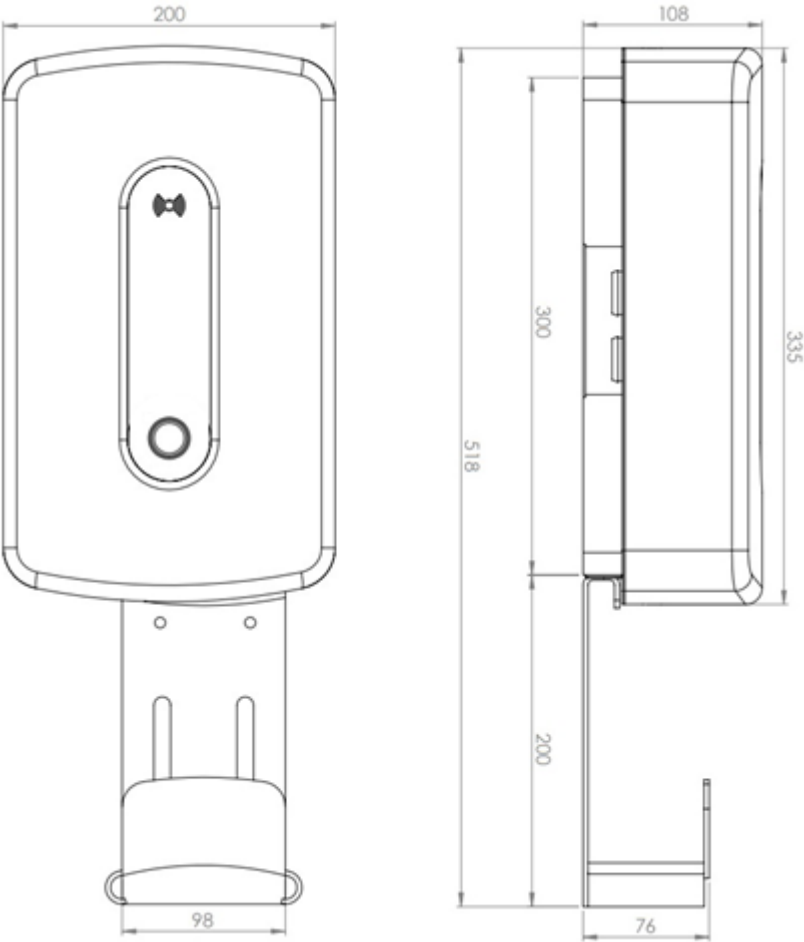
## Features

- Up to 22kW of charging power
- Modern design with IP54 & IK10 standard
- Suitable for indoor and outdoor use
- Coloured LED light indicates charging status
- Easy operability with one button on housing
- Monitor & control on application
- Compatible with 3rd party software
- Secure charger with remote locking option
- Save by charging (economy charging) during off-peak hours
- Charge with surplus energy
- Priority charging at the highest possible power
- Dynamic load balancing keeps consumption power below max allowed (protect grid fuse/s)
- Manage charging of electric vehicles (EV fleet)
- Remote control of key consumers (heat pump, battery storage system...)
- 6mA DC residual current, overvoltage and undervoltage protection
- RFID or QR access control
- Long range wireless power meters for installation without cabling
- Fully compliant with IEC 61851

## Technical specifications

Nominal voltage	1x230Vac 50/60Hz, 3x230/400Vac 50/60Hz
Maximum current	1x32A, 3x32A
Maximum charging power	22kW
Connector	Type2, 5m cable
Network connection	Ethernet 100M RJ45
Ingress protection	IP54
Impact resistance	IK10
Operating temperature	-20°C to +45°C
Storage temperature	-40°C to + 70°C
Charging pilot negative	1mA, 20ms reaction time
Residual direct current	6mA, 200ms reaction time
Standards	IEC 61851

## Dimensions

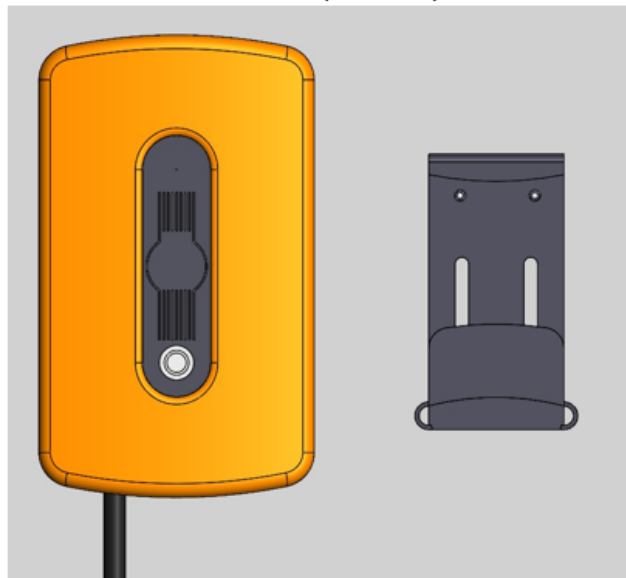


## Cable holder mounting options

It can be installed directly on the RDX Charger



It can be installed independently on the wall



## Accessories

Description	Order Code
Wireless external single-phase Power sensor kit	<b>WPM1-E-D</b>
Wireless external three-phase Power sensor kit	<b>WPM3-E-D</b>
External single-phase Power sensor	<b>PM1-E-D</b>
External three-phase Power sensor	<b>PM3-E-D</b>
Wireless Modbus bridge	<b>WM-1</b>
Wireless relay, to control other loads in the building	<b>WR-1</b>
Protective roof	<b>RDX-PR</b>
Freestanding set	<b>RDX-FS</b>
4G LTE modem for IOT linker <b>This option is only possible for RDX Charger models that already have an integrated IOT linker</b>	<b>IOT-L2-W</b>

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