

# RDX Charger (Robotina Dynamic Charger)



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

## Features

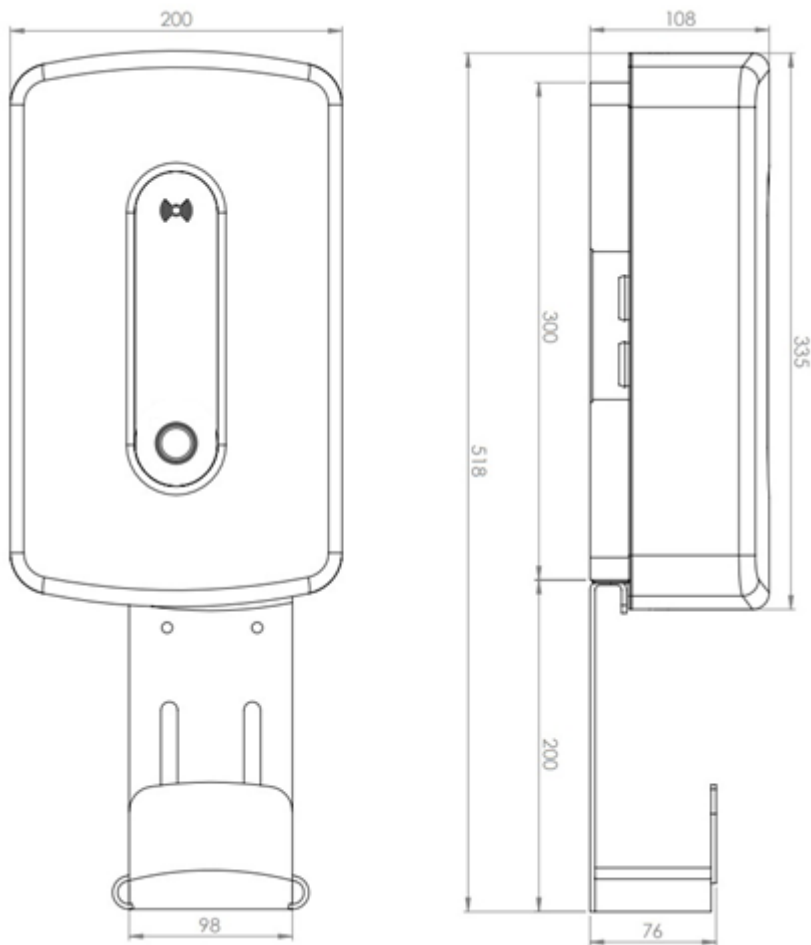
- **Up to 22kW of charging power**
- **Modern design with IP54 & IK10 standard**
- **Suitable for indoor and outdoor use**
- **Coloured LED light indicates charging status**
- **Easy operability with one button on housing**
- **Monitor & control on application**
- **Compatible with 3rd party software**
- **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**
- **30mA AC residual current**
- **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
	4G LTE (option)
Ingress protection	IP54
Impact resistance	IK10
Operating temperature	-20°C to +60°C
Storage temperature	-40°C to + 70°C
RCD (residual-current device)	DC, 6mA
	AC, 30mA (option)
Standards	IEC 61851

## Dimensions

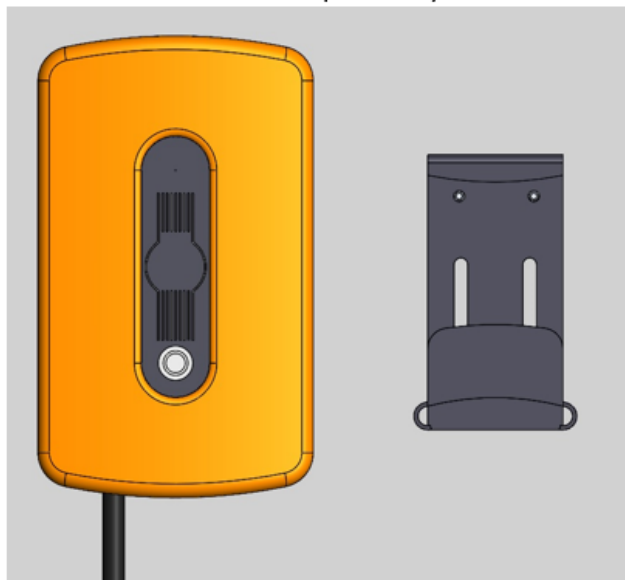


## Cable holder mounting options

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>

From:  
<http://wiki.hiq-home.com/> -

Permanent link:  
[http://wiki.hiq-home.com/doku.php?id=en:hiq\\_hw:rdx\\_charger&rev=1674572483](http://wiki.hiq-home.com/doku.php?id=en:hiq_hw:rdx_charger&rev=1674572483)

Last update: **2023/01/24 15:01**

