# RDX Charger (Robotina Dynamic Charger)



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

## Features

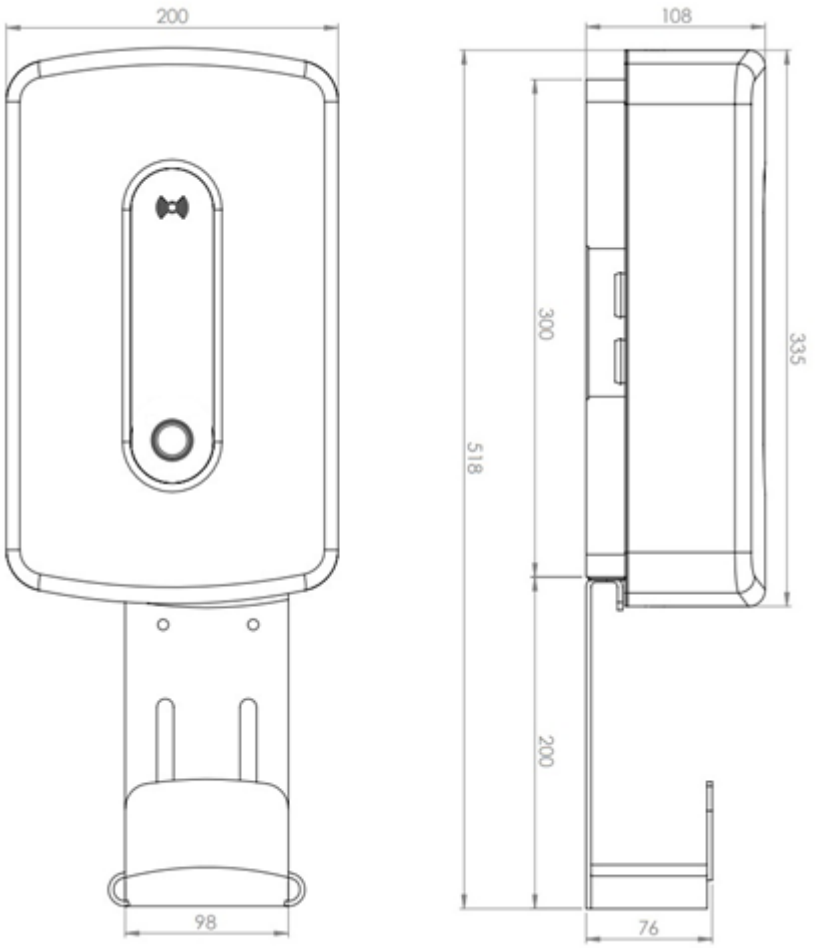
- **Up to 22kW of charging power**
- **Modern design with IP54 & IK10 standard**
- **Suitable for indoor and outdoor use**
- **Coloured LED light indicates charging status**
- **Easy operability with one button on housing**
- **Monitor & control on application**
- **Compatible with 3rd party software**
- **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

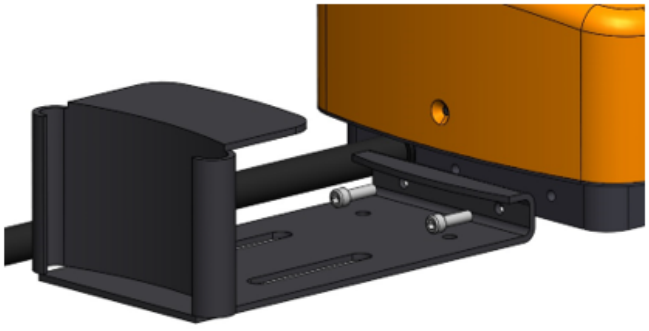
| | |
|---|---|
| Nominal voltage | 1x230Vac 50/60Hz, 3×230/400Vac 50/60Hz |
| Maximum current | 1x32A, 3x32A |
| Maximum charging power | 22kW |
| Connector | Type2, 5m cable |
| Network connection | Ethernet 100M RJ45 |
| Ingress protection | IP54 |
| Impact resistance | IK10 |
| Operating temperature | -20°C to +45°C |
| Storage temperature | -40°C to + 70°C |
| RDC DC | 6mA, 200ms reaction time |
| Standards | IEC 61851 |

# Dimensions

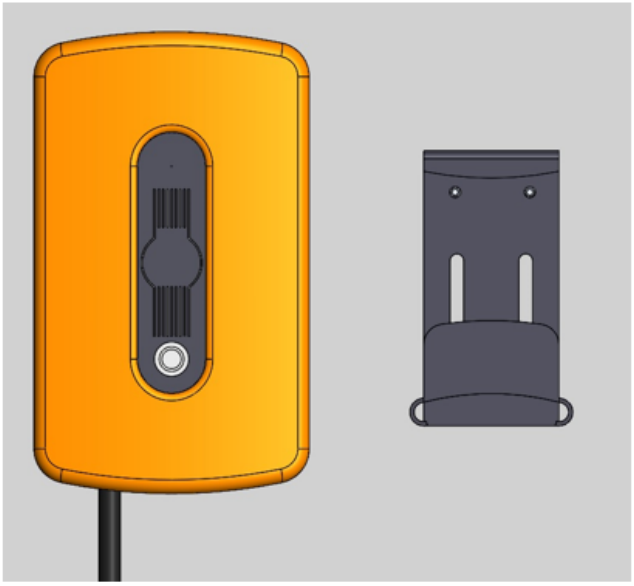



## Cable holder mounting options

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

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