

# 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

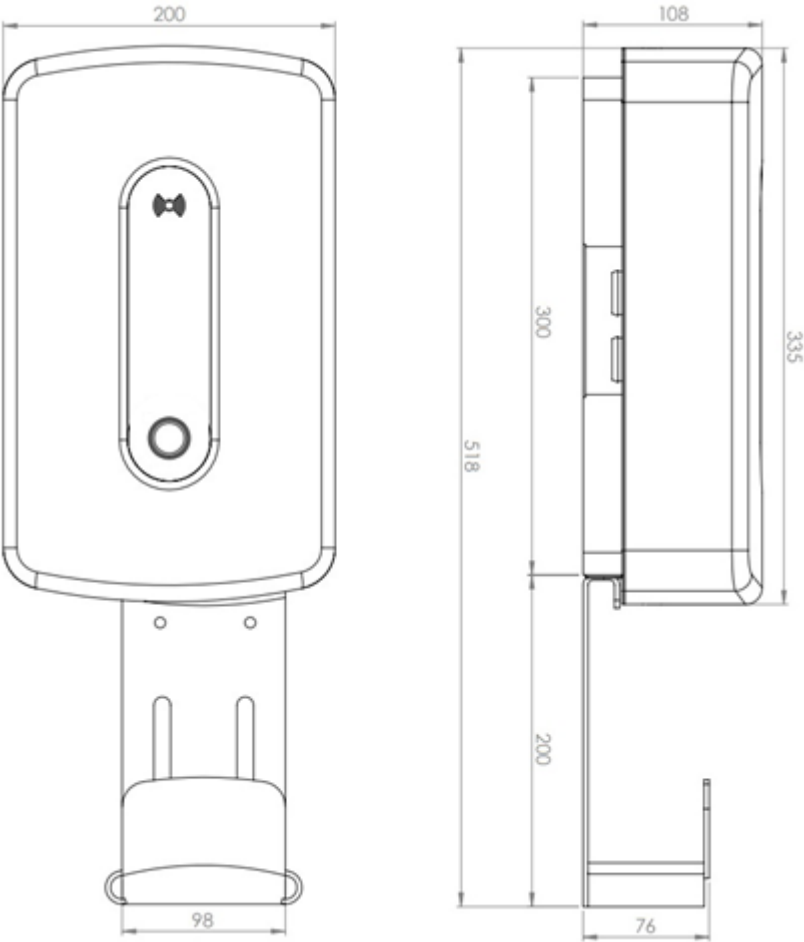
- **Up to 22kW of charging power**
- **Modern design with IP54 & IK10 standard**
- **Suitable for indoor and outdoor use**
- **Coloured LED light indicates charging status**
- **Easy operability with one button on housing**
- **Monitor & control on application**
- **Compatible with 3rd party software**
- **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**
- **RFID or QR access control**
- **Long range wireless power meters for installation without cabling**
- **Fully compliant with IEC 61851**

Technical specifications

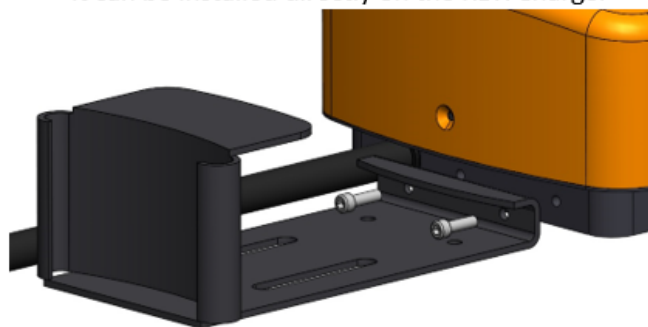
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|-------------------------|--|
| Nominal voltage         | 1x230Vac 50/60Hz, 3x230/400Vac 50/60Hz |
| Maximum current         | 1x32A, 3x32A                           |
| Maximum charging power  | 22kW                                   |
| Connector               | 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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