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# **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

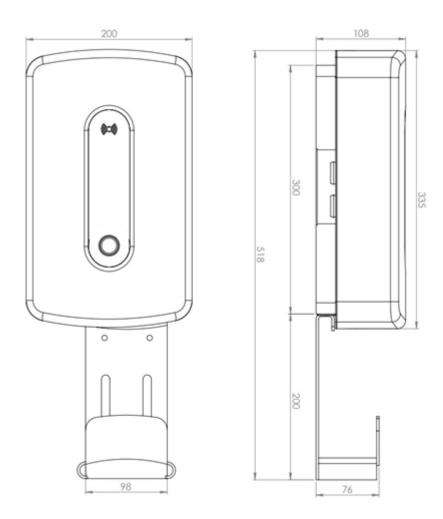
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### **Technical specifications**

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





#### **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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