

RDC Charger



Description	Order Code
Robotina Dynamic Charger with type 2 cable and QR Code (digital key) reader. Modbus TCP/IP connectivity	RDC-QR

Robotina Dynamic Charger with type 2 cable and standard RFID reader. Modbus TCP/IP connectivity	RDC-RF
Robotina Dynamic Charger with type 2 cable and MIFARE/RFID reader. Modbus TCP/IP connectivity	RDC-MI
Robotina Dynamic Charger with type 2 cable and QR Code (digital key) reader. Modbus TCP/IP connectivity. Built in residual current device	RDC-QR-R
Robotina Dynamic Charger with type 2 cable and standard RFID reader. Modbus TCP/IP connectivity. Built in residual current device	RDC-RF-R
Robotina Dynamic Charger with type 2 cable and MIFARE/RFID reader. Modbus TCP/IP connectivity. Built in residual current device	RDC-MI-R
Robotina Dynamic Charger with type 2 cable and QR Code (digital key) reader and IOT linker for Cloud connectivity. Modbus TCP/IP connectivity.	RDC-QR-I
Robotina Dynamic Charger with type 2 cable and standard RFID reader and IOT linker for Cloud connectivity. Modbus TCP/IP connectivity.	RDC-RF-I
Robotina Dynamic Charger with type 2 cable and MIFARE/RFID reader and IOT linker for Cloud connectivity. Modbus TCP/IP connectivity.	RDC-MI-I
Robotina Dynamic Charger with type 2 cable and QR Code (digital key) reader. Modbus TCP/IP connectivity. Built in residual current device and IOT linker for Cloud connectivity.	RDC-QR-RI
Robotina Dynamic Charger with type 2 cable and standard RFID reader. Modbus TCP/IP connectivity. Built in residual current device and IOT linker for Cloud connectivity.	RDC-RF-RI
Robotina Dynamic Charger with type 2 cable and MIFARE/RFID reader. Modbus TCP/IP connectivity. Built in residual current device and IOT linker for Cloud connectivity.	RDC-MI-RI

Features

- **Up to 22kW of charging power** Enough to charge electric vehicle for distance of 100km in 45 minutes (calculation made for consumption of 16kWh per 100km)
- **Modern and simple design** With IP54 & IK10 standard suitable for indoor and outdoor use. Customable colours of the Charger enclosure.
- **Coloured LED light for charging status** Different color or color combination has a different meaning. You can easily see the status of the charger with the color of the LED light.
- **RFID, MIFARE card or QR code access control** To allow authorized usage only. Use RFID card MIFARE card or QR code to unlock and start charging process. Simple management, adding and removing charger users.
- **Charge with surplus energy** Whenever there is a surplus of renewable energy source. Suitable for systems where solar/wind inverter is connected to the home network.
- **Save by charging (eco charging) during off-peak hours**
- **Priority charging at the highest possible power**
- **Fully autonomous operation, automatic recovery from error**
- **Control up to 8 RDC Chargers - EV fleet** Suitable for multi-apartment buildings, hotels, etc.

- **Integrated Home Energy Management System (HEMS)**
 - Enables remote control of key consumers such as heat pump, electric heaters
 - Dynamic Load Management (DLM) keeps consumption power below grid fuses
 - Control up to 8 RDC Chargers (EV fleet)
 - Support for dynamic electricity tariffs
- **Long range wireless power meters and relays for installation without cabling For easy installation and optimization of the energy consumption in the building**
- **6mA DC residual current, overvoltage and undervoltage protection**
- **30mA AC residual current**
- **RFID, MIFARE or QR access control**
- **Fully compliant with IEC 61851**

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[rdc_charger_onepager.pdf](#)

Introduction	Safety instructions	Hardware	Mounting	Wiring	Software	Commissioning	Universe	Downloads	Troubleshooting
									