Date	2021-10-14
Label	Hardware release
Product	MiR Charge 48V hardware version 3.0
Released by	Odin Skovsted

Description

We are introducing MiR Charge 48V in hardware version 3.0. The main changes in the update are:

- The charger is lower than before
- It has four new mounting holes
- The charging plate is now foldable

The lowered height allows space for top modules or payloads exceeding the footprint of the robot to fit above the charging station.

The new mounting holes enable you to mount a second charging station or other devices on top of MiR Charge 48V.

The foldable charging plate makes it easier to transport the charging station.

MiR Charge 48V specifications

General information

Designated use	Automatic charger for MiR250, MiR500, MiR600, MiR1000, and MiR1350 robots. The robot moves and connects to the charging station
Color	RAL 7035 / Light gray
Disclaimer	Specifications may vary based on local conditions and application setup

Dimensions

Length	622 mm | 24.5 in
Height	287 mm | 11.3 in
Depth	237 mm | 9.3 in (with charging plate: 487 mm | 19.2 in)
Weight	20 kg | 44.1 lbs

Environment

Humidity	10-95% non-condensing

Ambient temperature range, operation	+5°C to 40°C	41°F to 104°F
Maximum altitude	2 000 m	6 562 ft

Power

Output	48 V, maximum 40 A
Input	100 V-240 V AC, 50-60 Hz

Compliance

Electrical standards	EN60335-2-29
TüV safety approval	Canada: CSA C22.1-18, SPE-1000-13, CSA C22.2 No. 107.2 -2001 US: NFPA 70: 2017, UL 1564: 2015, NFPA 791: 2021

Contact information

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