

MiR Charge 48V specifications

Date: 2022-06-01

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
Product design life	5 years or 20 000 hours, whichever comes first
Cover material	Aluminum
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
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Ambient temperature range, operation	5–40°C 41–104°F
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Maximum altitude	2 000 m 6 562 ft
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Power

Output	48 V, maximum 40 A, maximum 1.9 kW
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Input	100–240 V AC, 50–60 Hz, maximum 3.2 kW
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Compliance

Electrical standards	EN60335-2-29
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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
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