

MiR Charge 24V specifications

Date: 2022-06-01

General information

Designated use	Automatic charger for MiR100 and MiR200 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

Width	620 mm 24.4 in
Height	350 mm 13.8 in
Depth	120 mm 4.7 in
Weight	10.5 kg 22 lbs
Minimum distance between chargers	100 mm 3.9 in if the robot can approach the charger in an angle of 80-100° to the wall

Mounting

Wall mounting	To be mounted flush with floor
Mounting height above floor	45 mm 1.8 in from floor to bottom edge

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	24 V, maximum 25 A, maximum 600 W
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Input	100-240 V AC, 50-60 Hz, maximum 700 W
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Consumption	Nom. 7.3 Amp at 100 V AC, nom. 2.9 Amp at 240 V AC
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Compliance

Electrical standards	EN60335-2-29
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