



DOCKING STATION FOR

RB-I

THE CHARGING SYSTEM FEATURES AN AUTOCENTERED BEHAVIOUR OF THE ROBOT & SOME SAFETY MEASURES PREVENTING ELECTRICAL HAZARDS:

The robot contacts are equipped with an internal circuitry and a magnetic sensor

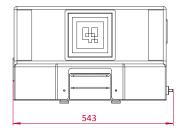
Internal circuitry permits the current flow only when the robot approaches the docking station

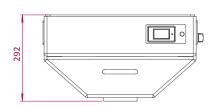
Also these values of current, voltage and power are shown in the docking display

The autocentered is performed by tracking an AR tag or using LIDAR intensity data

TECHNICAL SPECIFICATIONS







Dimensions: 543 x 292 x 328 mm

 $7A@115VAC\ /\ 3.5A@230VAC$ Selectable switch in the inner charger

Charging indicator display

DC Output: copper contacts, fused (15Amps ATO fuse)

Robot presence activation condition

Adjustable voltage 26-28.8V

Output max current 12.5A

1.2 hours full charge (standard 15Ah battery)

Manual charge possibility

Automated LEDs for illuminating the QR codes