

# SPECIFICATIONS

## ER-FLEX 250 series



Weight	161 - 174 kg
Arm options	UR5e / UR10e / UR16e
Arm payload	UR5e: 5 kg / UR10e: 12.5 kg / UR16e: 16 kg
Payload	Up to 186 kg
Operating time	4.5 hours - 100% to 10%
Charge time	40 minutes - 20% to 80%
Daily utilization	Up to 20 hours (24 hours with smart layout)
Communication	Dual-band wireless (b/g/n/ac)
Environment	5-40°C IP20 (humidity 10-95% non-condensing)
Precision	Within 1 mm
Max speed	2.0 m/s

# ROBOT SAFETY

## FULL STOP MEASURES

- Proximity sensors scan the floor surrounding the robot
- Laser sensors detect objects from afar
- Cameras detect objects higher than 40 cm in front of the robot
- Force sensors stop the arm if it senses counterpressure
- Virtual 3D safety planes can be defined for the robot to work within
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## COMMUNICATION MEASURES:

- LED status lights in different colors communicate the current status of both the robot arm and mobile unit

## PAYLOAD MEASURES:

- The payload zone chart advises max arm payload within specific zones of the robot

