



#### Size and Weight

**External dimensions**  
**Weight**  
**Obstacle clearance**

800 x 335 mm (D x H1) or 1000 x 1000 x 405 mm (L x L x H2)  
135 kg  
18 mm

#### Speed and performance

**Max payload**  
**Max speed**  
**Mobility**  
**Operating environment**  
**Navigation**

500 kg  
1.1 m/s  
Omnidirectional  
Indoor  
SLAM

#### Battery and Power System

**Battery type**  
**Capacity**  
**Operating time**  
**Charge time**  
**Output power**

LiFeO  
48 V 50 Ah  
10 hours with max payload  
1h 15min aprox  
48V, 25A

#### Interfacing and Communication

**Control modes**  
**Feedback**  
**Communication**  
**Included accessories**  
**Drivers and apis**

Kinematic control (forward, sideways, rotation)  
Encoders  
Ethernet, Wi-Fi  
Onboard computer, security laser scanners  
ROS Indigo, Gazebo, navigation support, MoveIt!