

Specs

Weight

Net Weight

77.2 lbs / 35 kg

Total (with payload)

198.4 lbs / 90 kg

Size

Diameter

19.7 in. / 50 cm

System Height

12.6 in. / 32 cm

LiDAR Height

9.4 in. / 23.8 cm

Mapping

Map Size

215,278 sqf / 20,000 sqm

No. of Locations

1000

Floor

Max. Height of Barrier

0.31 in. / 0.8 cm

Max. Slope Angle

5°

Max. Gap Width

1.57 in. / 4 cm

Movement

Linear Speed

3.2 ft. / 1 m per second

Spin Radius

0 cm

Sensors

Height of Detectable Obstacle

4.7 – 59 in. / 12 – 150 cm

Detectable Ground Obstacle Range

1.9 – 47 in. / 5 – 120 cm

Min. Height of Detectable Ground Obstacle

0.78 in. / 2 cm

Min. Cliff Height

0.78 in. / 2 cm

LiDAR Range

131.2 ft. / 40 m

Battery (Platform)

Operation Time

(Normal Usage) 8 hrs

(Heavy Usage) 4 – 5 hrs

Standby

18 hrs

Charging 0-100%

(Power OFF) 4 hrs

(Power ON) 5 hrs

Output Voltage

19 – 20.16 V

Capacity

20.8 Ah

Charging Voltage

29.4 V

Charging Current

7A

Life Cycle (25°)

>500 charging cycles

Battery (External)

Operation Time

5 hours (based on 5A discharge)

Charging 0-100%

(Power OFF) 3 hrs

(Power ON) 3.5 hrs

Output Voltage

17.5 – 20.16 V

Capacity

40 Ah

Charging Voltage

29.4 V

Life Cycle

>500 charging cycles

Charging Dock

Size (L x W x H)

20 x 30.5 x 27.5 cm

Weight

3.55 kg

Input Voltage and Current

100 – 240 V 15 A

Output Voltage and Current

29.4 V 20 A

Support

Conectivity

USB, 5 V 2 A connect to ROBOX

SDK

See guidebook

Web Interface

[temi center](#)

Contact

www.premiumrobots.ai

tab@premiumrobots.ai

+994 50 522 4000