

# temi Platform

	PARAMETER	VALUES
<b>WEIGHT</b>	Self weight Total (with payload)	30kg 90kg
<b>MECHANICAL</b>	System outer diameter System height Lidar height	50cm 32cm 23.8cm
<b>MAPPING</b>	Max map size No. of locations	15000-20000m <sup>2</sup> ~1000(Maximum)
<b>FLOOR- CONDITIONS</b>	Max Step climbing Max Slope angle Max gap crossing	0.8cm <5° 4cm (static)/6cm (at 1m/s)
<b>MOVEMENT</b>	Max Linear speed Spin Radius Location accuracy	1m/s 0cm 10cm



**robo**  
**solutions**



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	PARAMETER	VALUES
<b>WHEELS</b>	HubWheel diameter CastorWheel diameter	15cm 7.5cm
<b>SENSING</b>	Height obstacle detection range Ground obstacle detection range Minimum ground obs height Minimum Cliff detection height Lidar range	12-150cm 2-120cm 2cm 2cm 0-40m
<b>PLATFORM BATTERY</b>	Working time - Normal usage Working time - heavy usage Standby Charging 0-100% powered ON Charging 0-100% powered OFF Cell type Output range Capacity Charging voltage	8Hrs 4-5Hrs 18Hrs 5Hrs 4Hrs Li-Ion 19-20.16V 20.8Ah 29.4V



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	PARAMETER	VALUES
<b>PLATFORM EXTERNAL BATTERY</b>	Working time Charging 0-100% powered ON Charging 0-100% powered OFF Cell type Output range Capacity Charging voltage	5Hrs 3.5Hrs 4Hrs Li-Ion 17.5-29.4V 40Ah 29.4V
<b>HARDWARE INTERFACE + REMOTE ACCESS</b>	Connection to Motherboard Power Supply SDK Web Center	USB, 5V 2A connection to ROBOX 12V 1.2A output Check official website Temi Center
<b>CHARGING STATION</b>	Dimension Weight Rated Input Rated Output	280mm(H) * 330mm(W) * 200mm(L) 3.6KG AC 100~240V 15A Max DC 29.4V 20A

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