

# temi PLATFORM Specs

	PARAMETER	VALUES
WEIGHT	Self weight total (with payload)	30Kg 90Kg
MECHANICAL	System Outer Diameter System Height Lidar Height	50cm 32cm 23.8cm
MAPPING	Max map size No. of locations	15000-20000m^2 ~1000(maximum)
FLOOR-CONDITION	Max Step climbing Max Slope angle Max gap crossing	0.8cm <5° 4cm (static)/ 6cm (at 1m/s)
MOVEMENT	Max Linear speed Spin Radius Location accuracy	1m/s 0cm 10cm
WHEELS	Hub Wheel Diameter Castor Wheel Diameter	15cm 7.5cm
SENSING	Height obs detection range Ground obs detection range Min ground obs height Min cliff detection height Lidar range	12-150cm 2-120cm 2cm 2cm 0-40m



**robo**  
**solutions**

**temi**

THE PERSONAL ROBOT



	PARAMETER	VALUES
PLATFORM BATTERY	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
PLATFORM EXTERNAL BATTERY	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
HARDWARE INTERFACE + REMOTE ACCESS	Connection to Motherboard Power Supply SDK Web Center	USB, 5V 2A connection to ROBOX 12V 1.2A output Check official website Temi Center
FLOOR-CONDITION	Dimension Weight Rated Input Rated Output	28cm(H) * 33cm(W) * 20cm(L) 3.6KG AC 100~240V 15A Max DC 29.4V 20A