

# Specification Sheet

Manufacturer: Max Mobility, LLC

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USA

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## SmartDrive MX2+ Wheelchair Power Assist

Range (level / no resistance conditions):	12.3 miles (19.8 km)
Maximum speed (level surface):	Adjustable [4 mph (6 km/h) default]
Maximum speed (6° incline):	Adjustable [4 mph (6 km/h) default]
Maximum acceleration:	Adjustable up to 2.0 ft/s <sup>2</sup> (0.6 m/s <sup>2</sup> ) [1.1 ft/s <sup>2</sup> (0.3 m/s <sup>2</sup> ) default]
Motor power:	250 W
Motor voltage:	36 V
Operating temperature:	-25 °C to 50 °C
Continuous theoretical driving range:	14.2 miles (22.9 km)
Total weight:	13.5 lbs (6.1 kg)
Sound level:	60.7 dB(A)
Expected lifetime / service life:	5 years
Contains Bluetooth® LE:	FCC ID QOQBT113 IC ID 5123A-BGTBLE113

*NOTE: The stated values are from testing with a 331 lb. occupant. The range, speed, etc. vary depending on driving conditions.*

### SmartDrive Model: MX2+

Overall length:	15.3 in (389 mm)
Overall width:	5.7 in (141 mm)
Overall height:	9.5 in (242 mm)
Omni-wheel diameter:	7.6 in (193 mm)
Omni-wheel width:	2.8 in (71 mm)
Weight:	12.5 lbs (5.7 kg)
Contained battery type:	Lithium-Ion (Lithium Iron Phosphate)
Nominal operating voltage:	36 V
Electric charge:	3.4 A-h

See **PushTracker User's Manual** provided for its specifications.

### Wheelchair Compatibility

Wheelchair frame type:	Rigid, Folding, Tilt-In Space, One-Arm Drive and Standing
Drive wheel diameter:	22, 24, 25 or 26 in (501, 540, 559 or 590 mm)
Folding frame attachment distance:	8.25 to 21.0 in (210 to 533 mm)
User weight:	30 to 331 lbs (14 to 150 kg)

The SmartDrive has been tested and conforms to all applicable requirements of *ANSI/RESNA Standards for Wheelchairs - Volume 1 and Volume 2* and *EN 12184*.

\*\*A wheelchair's specifications provided by its manufacturer may be slightly affected by the addition of the SmartDrive.\*\*

