

# Specification Sheet



Manufacturer: Max Mobility, LLC

Address: 5425 Crossings Blvd.  
Antioch, TN 37013  
USA

## SmartDrive MX2 Wheelchair Power Assist

Phone : (800) 637-2980

Range:	12.3 miles (19.8 km)
Maximum speed (level surface):	5.3 mph (8.5 km/h)
Maximum speed (6° incline):	2.1 mph (3.4 km/h)
Maximum acceleration:	2.0 ft/s <sup>2</sup> (0.6 m/s <sup>2</sup> )
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.*

### Drive Unit 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

### Wristband Model: MX2

Contained battery type:	Lithium-Ion (Lithium-Ion Polymer)
Nominal operating voltage:	3.7 V
Electric charge:	180 mA-h
Wireless operating band:	2.4 GHz (2.4000 to 2.4835 GHz)
Wireless power transmission:	0 dBm to -23 dBm

### Wheelchair Compatibility

Wheelchair frame type:	Both Rigid and Folding
Drive wheel diameter:	22, 24, 25 or 26 in (501, 540, 559 or 590 mm)
Folding frame axle distance attachment range:	8.25 to 21.0 in (210 to 533 mm)
Combined user + wheelchair weight:	50 to 351 lbs (23 to 159 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.\*\*

