



## VEHICLE OVERVIEW



### MC 480 MODEL LITHIUM

## Everything a burden carrier should be.

The MC-480 has long been the ruler of rugged, reliable burden carriers. On top of boasting a smart modular design, an all-steel unibody and advanced engineering, this high-efficiency AC vehicle offers a roomier and more ergonomic driver compartment to make long shifts more comfortable and productive. If you need a do-it-all vehicle that's strong, safe and easy to operate, you can't beat the MC-480 – or its unlimited configurations and 3-year warranty. EE rating available.



#### Burden Carriers, Personnel Carriers

Other Models : 48V, 36V, 36V LD, 48V LD, 48V HD

PASSENGERS  
2

LOAD CAPACITY  
3,500 lbs

TOWING CAPACITY  
6,000 lbs

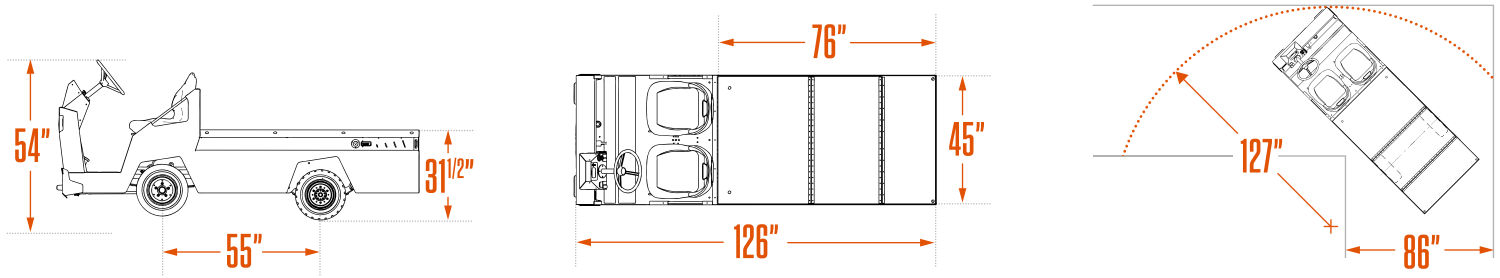
SPEED MPH  
10 mph

TURNING RADIUS  
127"



#### FEATURES

- Complete console on steering column with multifunction display
- High-efficiency asynchronous AC / Direct Drive motor
- Tilted steering column for a more ergonomic and natural driving posture
- Redesigned bolt-on front bumper and Motrec signature recessed lights
- Premium high-back seats
- EE rating available



## Dimensions

### VEHICLE

Height	54"	1,372 mm
Length	126"	3,200 mm
Width	45"	1,143 mm
Wheel Base	56"	1,422 mm
Ground Clearance	6"	152 mm

### DECK

Height	31"	787 mm
Width	45"	1,143 mm
Length	76"	1,930 mm

### UNIT WEIGHT

With Batteries	1,576 lbs	715 kg
Without Batteries	1,325 lbs	601 kg

### BATTERIES

Height	n/a	n/a
Length	n/a	n/a
Width	n/a	n/a
Weight - Min	126 lbs	57 kg
Weight - Max	251 lbs	114 kg

## Performances

### VEHICLE

Passengers	2	
Load Capacity	3,500 lbs	1,588 kg
Tow Capacity	6,000 lbs	2,722 kg
Drawbar Pull - Normal	350 lbs	1,557 N
Drawbar Pull - Ultimate	1,050 lbs	4,671 N
Speed MPH	10 mph	16 km/h
Turning Radius	127"	3,226 mm

Vehicle shown may have optional accessories and is provided for illustrative purposes only.

Specifications and standard equipment are subject to change without notice.

## Specifications

### POWERTRAIN

Motor	Brushless AC motor, 15 HP Max (9 HP Continuous)
Controller	AC Electronic speed controller
Drive Axle	Helical gear differential
Brakes	Rear hydraulic drum brakes, electromagnetic parking brake with manual hand release, regenerative braking
Wheels	5.7x8 LRD pneumatic tires
Transmission	Direct Drive
Suspension	Dual leaf springs on front and rear
Starter	n/a
Clutch	n/a
Engine	n/a

### ENERGY

Voltage	48 Volt
Battery	48V-120Ah Lithium-ion 6.2Kwh or 48V-180Ah Lithium-ion 9.3Kwh or 48V-360Ah Lithium-ion 18,6kwh
Charger	48V High-frequency on-board charger 1.2Kwh or 3.6Kwh
Alternator	n/a
Fuel	n/a

### CHASSIS

Body	All-steel unibody construction. Powder Coating.
Color	Security orange or federal yellow
Lights	LED dual headlights & tail/brake lights, dual back-up lights

### OPERATOR COMPARTMENT

Steering	Automotive steering wheel, tilted steering column
Seats	Two premium seats on slide adjusters
Indicators	Multifunction display including speedometer, battery state of charge, hour meter, odometer and fault warnings. Password-protected parameters and monitoring capability.
Safety	Deadman seat switch, reverse alarm, horn, automatic parking brake
Accessories	Console on steering column, bolt-on front bumper, DC/DC converter to equalize battery cells, LED charge indicator

## Standards

Conforms to requirements for type E, UL 583, ANSI B56.9



## POPULAR OPTIONS

**GET THE IDEAL VEHICLE FOR THE JOB.**

With unlimited configurations, we make customization quick, easy and affordable.

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### Hitches

360-086 Clevis type hitch with safety spring

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### Safety Features

360-026BSL02 Blue safety light on front cowl

360-026-AC Pole mounted strobe light

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### Seats

360-049 Seat belts, retractable, two passengers

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### Wheels

MC480-WHEELS09 Solid softy rubber wheels

*The list above shows the most popular options for this vehicle. More options are available. To learn more about the MC - 480 - Lithium options, please contact your representative. Options, specifications and standard equipment are subject to change without notice.*



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