

MC 480

MODELS

36V LD | 48V LD | 36V | 48V | 48V HD

LITHIUM

48V



EVERYTHING A BURDEN CARRIER SHOULD BE.

From the start, the MC-480 has 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 spacious 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.

MODELS	LOAD CAPACITY (lbs.)	TOWING CAPACITY (lbs.)	PASSENGERS	SPEED (mph)	TURNING RADIUS (in)
36V LD	2,000	6,000	2-4*	10	127
48V LD	2,000	6,000	2-4*	10	127
36V	3,500	6,000	2-4*	10	127
48V	3,500	6,000	2-4*	10	127
48V LITHIUM	3,500	6,000	2-4*	10	127
48V HD	5,000	6,000	2-4*	10	127

*With fold-down seat.

FEATURES

- Complete console on steering column with multifunction display
- High-efficiency asynchronous AC / Direct Drive motor
- Inclined 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



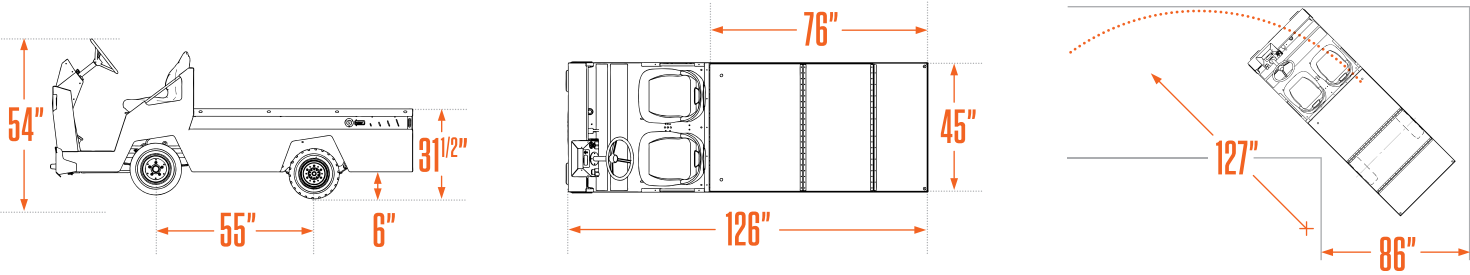
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SPECIFICATIONS

MC 480

PERFORMANCE		36V LD	48V LD	36V	48V	48V HD
	LOAD CAPACITY	2,000 lbs	2,000 lbs	3,500 lbs	3,500 lbs	5,000 lbs
	TOWING CAPACITY	6,000 lbs	6,000 lbs	6,000 lbs	6,000 lbs	6,000 lbs
DRAWBAR PULL - REGULAR						
	DRAWBAR PULL - ULTIMATE					
	SPEED	10 mph	10 mph	10 mph	10 mph	10 mph
	TURNING RADIUS	127"	127"	127"	127"	127"
	PASSENGERS	2-4*	2-4*	2-4*	2-4*	2-4*
*With fold-down seat.						
POWERTRAIN						
MOTOR	Brushless AC motor	10 hp Max (7.5 hp Continuous)	15 hp Max (9 hp Continuous)	10 hp Max (7.5 hp Continuous)	15 hp Max (9 hp Continuous)	15 hp Max (9 hp Continuous)
CONTROLLER	AC Electronic speed controller	✓	✓	✓	✓	✓
DRIVE AXLE	Helical gear differential	✓	✓	✓	✓	✓
BRAKES	Rear hydraulic drum brakes, hand lever parking brake regenerative braking	✓	✓			
	Rear hydraulic drum brakes, automatic electromagnetic parking brake with manual hand release, regenerative braking			✓	✓	
	Rear disc brakes, electromagnetic parking brake with manual hand release, regenerative braking					✓
WHEELS	5.7x8 LRD pneumatic tires	✓	✓	✓	✓	
	500x8 solid softy rubber wheels on split rims					✓
TRANSMISSION	Direct drive	✓	✓	✓	✓	✓
SUSPENSION	Dual leaf springs on front and rear	✓	✓	✓	✓	✓
CHASSIS						
BODY	All-steel unibody construction. Powder Coating.	✓	✓	✓	✓	✓
COLOR	Security orange, federal yellow or white (optional colors available)	  	  	  	  	  
LIGHTS	LED dual headlights, tail/brake lights and dual back-up lights.	✓	✓	✓	✓	✓
OPERATOR COMPARTMENT						
STEERING	Automotive steering wheel, inclined steering column.	✓	✓	✓	✓	✓
SEATS	Two bucket seats on slide adjusters	✓	✓			
	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.	✓	✓			
	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.	✓	✓	✓	✓	✓



SPECIFICATIONS

MC 480

LITHIUM

PERFORMANCE

	48V
 LOAD CAPACITY	3,500 lbs
 TOWING CAPACITY	6,000 lbs
DRAWBAR PULL - REGULAR	
 DRAWBAR PULL - ULTIMATE	
 SPEED	10 mph
 TURNING RADIUS	127"
 PASSENGERS	2-4*

*With fold-down seat.

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, automatic 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	✓
BATTERIES	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*	✓

CHASSIS

BODY	All-steel unibody construction. Powder Coating.	✓
COLOR	Security orange, federal yellow or white (optional colors available)	  
LIGHTS	LED dual headlights, tail/brake lights and dual back-up lights.	✓

OPERATOR COMPARTMENT

STEERING	Automotive steering wheel, inclined 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.	✓



Longer
autonomy



Zero
maintenance



Longer
lifespan



100%
recyclable



Faster charging and
opportunity charging



Increased energy
efficiency



* An EV charging station is required for fast charging. It must be purchased separately as an option.

POPULAR OPTIONS

EQUIP YOUR #1 WORK TOOL

MC 480

36V LD | 48V LD | 36V | 48V | 48V HD

LITHIUM
48V

1 FOLD-DOWN PANELS

Increase vehicle load capacity with a simple click.

2 RACKS

Increase your vehicle's cargo capacity with our ingenious racks, tool chest and lockable compartments.

3 2 OR 4 PASSENGER ALL-STEEL CAB, WITH OR WITHOUT DOORS

Keep operators comfortable, safe & productive at all times – indoors or out, fair weather or not. Our cabs come with a long list of standard & optional features.

4 FOLDING SEAT

Instantly go from 2 to 4 passengers and then back to 2 to maximize cargo space when needed. The type of multitasking versatility you need to keep your fleet lean and mean.

5 LIGHTS

Maximize vehicle visibility & everyone's safety with a blue safety light, pole mounted strobe light and more.

6 RETRACTABLE SEAT BELTS

Add extra protection with our retractable seat belts.

7 HITCHES & QUICK HITCH RELEASE

A must-have for attaching a trailer to boost cargo capacity. A wide range of hitches & hitch accessories to make attaching loads quick, easy & worry free.

8 TRAILERS

Boost your load-handling muscle with trailers of all sizes and load capacities.



Clevis type
hitch (1") with
safety spring



T-25 trailer

For compatibility, please contact your Motrec dealer. Options may vary from illustrations provided.

PERFORMANCE

- TOWING CAPACITY**
up to 10,000 lbs.
- LOAD CAPACITY**
up to 5,000 lbs.
- WIDTH** 45"
- SPEED** 10 mph

RECOMMENDED INDUSTRIES

Industrial
manufacturing

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pharmaceutical

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municipalities

Airlines
and airports



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