



# CRAFTED FOR PERFORMANCE.

Take everything you already love about Onward and add our exclusive Lithium-Ion technology and you've got the best electric personal transportation vehicle in the industry.

Your car can be built to your specifications and preferences with completely customizable options including color, seats, wheels and even drive modes to maximize performance.

**ONWARD**  
HP / LI ION



## PERFORMANCE

This all-new, Lithium-Ion powered vehicle exceeds all expectations with increased hill-climbing capabilities and high-power acceleration. No other vehicle in the industry can compete with its powerful motor and broad range of programmable drive modes.

## SAFE & RELIABLE

With a state-of-the-art battery management system, the battery pack is completely protected from the elements in a self-contained, fully coated steel, water-tight battery case. For added peace of mind, the Onward HP Li-Ion comes with an industry-leading 6 year battery warranty.

## MAINTENANCE FREE

The Lithium-Ion battery is completely maintenance-free. Long gone are the days of watering and cleaning your batteries. No matter your plans, you can always expect consistent performance with the Onward HP Li-Ion.



# CRAFTED TO LAST.

- The new high-powered motor and electronic controller improves hill-climbing speed, performance, and efficiency.
- Six-year battery warranty – the longest battery warranty in the industry.
- Three programmable drive modes to maximize your performance level. Choose between econ, normal, and sport modes at time of purchase.

# ONWARD

## HP LI ION

Club Car®

### 2 PASS ONWARD HP LI-ION

### 4 PASS NON-LIFT ONWARD HP LI-ION

### 4 PASS LIFTED ONWARD HP LI-ION

#### DIMENSIONS

	2 PASS ONWARD HP LI-ION	4 PASS NON-LIFT ONWARD HP LI-ION	4 PASS LIFTED ONWARD HP LI-ION
Overall Length	91.5 inches	108 inches	114 inches
Overall Width	48.75 inches	48.75 inches	49.5 inches
Topped Height	71 inches	76 inches	80.5 inches
Untopped Height	49.75 inches	48.75 inches	54.5 inches
Wheel Base	65.4 inches	65.4 inches	67.75 inches
Front Wheel Track	35.75 inches	35.75 inches	40.25 inches
Rear Wheel Track	40 inches	40 inches	40 inches
Ground Clearance	4.5 inches	4.5 inches	6.375 inches

#### POWER

	2 PASS ONWARD HP LI-ION	4 PASS NON-LIFT ONWARD HP LI-ION	4 PASS LIFTED ONWARD HP LI-ION
Power Source	58V AC	58V AC	58V AC
Motor Type	30V AC motor	30V AC motor	30V AC motor
Horse Power	4.7 hp (3.1 kW)	4.7 hp (3.1 kW)	4.7 hp (3.5kW)
Batteries (qty/type)	58V Lithium-Ion (1)	58V Lithium-Ion (1)	58V Lithium-Ion (1)
Key or Pedal Start	Pedal	Pedal	Pedal
Battery Charger	48V 650W HF Li-Ion (Shelf or onboard) 48V 900W HF Li-Ion (Shelf only)	48V 650W HF Li-Ion (Shelf or onboard) 48V 900W HF Li-Ion (Shelf only)	48V 650W AC Delta Q
Speed Controller	375 Amp AC	375 Amp AC	350 Amp AC
Drivetrain	Motor Shaft Direct Drive	Motor Shaft Direct Drive	Motor Shaft Direct Drive
Gear Selection	Center Body Mounted FNR	Center Body Mounted FNR	Center Body Mounted FNR
Rear Axle Ratio	14.85:1	14.85:1	14.85:1

#### PERFORMANCE

	2 PASS ONWARD HP LI-ION	4 PASS NON-LIFT ONWARD HP LI-ION	4 PASS LIFTED ONWARD HP LI-ION
Seating Capacity	2	4	4
Dry Weight(w/o Batteries)	602 lbs	670 lbs	765 lbs
Curb Weight	717 lbs	784 lbs	895 lbs
Vehicle Load Capacity	500 lbs	800 lbs	800 lbs
Outside Clearance Circle	227 inches	227 inches	243 inches
High Speed (Level Ground)	19.2 mph	19.2 mph	19.2 mph
Low Speed (Level Ground)	12 mph	12 mph	12 mph

#### STEERING SUSPENSION

	2 PASS ONWARD HP LI-ION	4 PASS NON-LIFT ONWARD HP LI-ION	4 PASS LIFTED ONWARD HP LI-ION
Steering	SportDrive™ – Self-compensating double reduction helical rack & pinion	SportDrive™ – Self-compensating double reduction helical rack & pinion	SportDrive™ – Self-compensating double reduction helical rack & pinion
Suspension (front & rear)	Front: Independent upper A-arms with hydraulic shocks	Front: Independent upper A-arms with hydraulic shocks Rear: Patent pending w/ Track Bar and Automotive Grade Jounce Bumpers	Front: Independent wide track Double A-arm with hydraulic shocks Rear: Patent pending w/ Track Bar and Automotive Grade Jounce Bumpers
Brakes	Self-adjusting, rear wheel mechanical drum	Self-adjusting, rear wheel mechanical drum	Self-adjusting, rear wheel mechanical drum
Parking Brake	Foot actuated, 3-position	Foot actuated, 3-position	Foot actuated, 3-position
Tires	10" Mercury or Atlas wheels - 205/55-10 Loadstar tires	10" Mercury or Atlas wheels - 205/55-10 Loadstar tires	10" Mercury or Atlas wheels - 205/55-10 Loadstar tires

#### BODY & CHASSIS

	2 PASS ONWARD HP LI-ION
Frame	Aluminum
Body & Finish	Injection Molded TPO
Available Body Colors	Metallic Pearl Blue, Metallic Jade Green, Metallic Tuxedo Black, Metallic Platinum, Metallic Candy Apple Red, Metallic Glacier, Metallic Beige, Metallic Ocean Teal
Available Seat Colors	Standard Beige, Standard White, Standard Black, Premium Light Beige, Premium Camello, Premium Off White, Premium Black, Premium Black/Gray, Premium Gray

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