



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 & XR



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, water-tight metal 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.





	2 Passenger Onward LI-ION	4 Passenger Onward HP LI-ION		6 Passenger Onward LI-ION
	Base LI-ION Offering & Extended Range (XR) Offering	Base LI-ION Offering & Extended Range (XR) Offering		Base LI-ION Offering
	Non-Lifted	Non-Lifted	Lifted	Non-Lifted

DIMENSIONS

Overall Length	91.5 inches	108 inches	114 inches	143 inches (363.2 cm)
Overall Width	48.75 inches	48.75 inches	49.5 inches	48.75 inches
Topped Height	71 inches	76 inches	80.5 inches	75 inches (190.5)
Untopped Height	49.75 inches	48.75 inches	54.5 inches	47.5 inches (120.7 cm)
Wheel Base	65.4 inches	65.4 inches	67.75 inches	102 inches (259 cm)
Front Wheel Track	35.75 inches	35.75 inches	40.25 inches	37.1 inches (94.3 cm)
Rear Wheel Track	40 inches	40 inches	40 inches	40 inches (101.6 cm)
Ground Clearance	4.5 inches	4.5 inches	6.375 inches	4.5 inches (11.5 cm)

POWER

Power Source	Lithium AC	Lithium AC	Lithium AC	Lithium AC
Motor Type	30V AC motor	30V AC motor	30V AC motor	30V AC Motor
Horse Power	4.7 hp	4.7 hp	4.7 hp	4.7 hp
Batteries	3.1 kWh (Base LI-ION) or 7.0 kWh (XR LI-ION)	3.1 kWh (Base LI-ION) or 7.0 kWh (XR LI-ION)	3.1 kWh (Base LI-ION) or 7.0 kWh (XR LI-ION)	7.0 kWh Lithium-Ion
Key or Pedal Start	Pedal	Pedal	Pedal	Pedal
Battery Charger	650W AC Delta Q	650W AC Delta Q (Onboard Available)	650W AC Delta Q (Onboard Available)	650W AC Delta Q (Onboard Available)
	900W AC Delta Q	900W AC Delta Q	900W AC Delta Q	900W AC Delta Q
Speed Controller	375 Amp AC	375 Amp AC	375 Amp AC	375 Amp AC
Drivetrain	Motor Shaft Direct Drive	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	Center Body Mounted FNR
Rear Axle Ratio	14.85:1	14.85:1	14.85:1	14.85:1

PERFORMANCE

Seating Capacity	2	4	4	6
Dry Weight (w/o Batteries)	602 lbs	670 lbs	765 lbs	898 lbs
Curb Weight	717 lbs (Base LI-ION) 727 lbs (XR LI-ION)	784 lbs (Base LI-ION) 794 lbs (XR LI-ION)	905 lbs (Base LI-ION) 915 lbs (XR LI-ION)	1102 lbs
Vehicle Load Capacity	500 lbs	800 lbs	800 lbs	1200 lbs
Outside Clearance Circle	227 inches	227 inches	243 inches	
High Speed (Level Ground)	19.2 mph	19.2 mph	19.2 mph	19 mph

STEERING & SUSPENSION

Steering	SportDrive™ — Self-compensating double reduction helical rack & pinion			
Suspension (Front & Rear)	Front: Independent upper A-arms with hydraulic shocks	Front: Independent A-arms with hydraulic shocks Rear: Patent pending w/ Track Bar and Automotive Jounce Bumpers	Front: Independent wide track Double A-arm 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, four wheel mechanical drum
Parking Brake	Foot actuated, 3-position			
Wheel & Tire Offerings	Multiple options available in 10" & 12" Wheel (Rim) Diameters	Multiple options available in 10" & 12" Wheel (Rim) Diameters	Multiple options available in 14" Wheel (Rim) Diameters	Multiple options available in 10" & 12" Wheel (Rim) Diameters

BODY & CHASSIS

Frame	AlumiCore™ — Ladder-style aluminum box beam
Body & Finish	Multiple Automotive Grade Paints available (See https://build.clubcar.com/ for all the latest options)