



2009 Halcyon Technical Specifications

Exterior Dimensions

Width	3 ft 2 in
Height	3 ft 11 in
Length	6 ft 9 in
Weight	50 lb
Wheelbase	4 ft 7 in

Interior Dimensions

Seat to Pedals	2 ft 3 in
Seat to Headrest	2 ft 2 in
Seat to Canopy	2 ft 8 in
Seat Adjustment	8.5 in Horizontally
Trunk Volume	2630 cu in

Materials

Frame	Lightweight Aluminum Tubing
Body Panels	Stretched Tear-Resistant Nylon
Floor	Heat-Formed Woven Polyethylene
Seat	Breathable Nylon Mesh
Canopy	UV Stabilized Transparent Plastic

Speed and Range

Top Speed	36 Miles per Hour
Range	40 Miles

Brakes

Primary	Regenerative Braking System*
Secondary	165mm Disk Brakes

Battery

Type	Lithium-Ion Polymer
Fast Charge Time	2.5 Hours [†]
Full Charge Time	4 Hours
Weight	12 lb
Lifetime	1,000 Charge Cycles [‡]

* Regenerative braking systems capture and store the energy of a moving vehicle to slow it down. Most vehicles simply dissipate this energy as heat, but the Halcyon reuses it to accelerate after the stop.

[†] A fast charge brings the battery from 0-80%. After 80% capacity, batteries charge more slowly.

[‡] A charge cycle is a full 0-100% charge. For example, charging the battery from 50-100% twice counts as a single charge cycle. After a lifetime's worth of charge cycles, the battery will only hold about half of its original charge.

2009 Halcyon Technical Specifications (cont.)





Powertrain

Transmission Type	Continuously Variable (Toroidal)*
Motor	11 HP

Accessories

Armrests	\$42
Battery Charger	\$65
Belt Drive	\$50
Cup Holders	\$23
Pedal Clips	\$38
Removable Canopy	\$149
Spare Battery	\$315
Stereo Speakers	\$45
Tire Pump	\$26
Trailer	\$235
Travel Computer	\$197
Water Bladder	\$41
Windshield Wiper	\$50
Wing Mirrors	\$50

Color Choices

204 Green	
Azure	
Charcoal	
Tangerine	

Rim Options

Swept Tri-Spoke	Carbon Fiber	1.8 lb/wheel
Five Spoke	Aluminum	2.3 lb/wheel
Classic Bicycle	Aluminum	2.1 lb/wheel

* Continuously variable transmissions (CVT) allow the motor to operate at maximum efficiency at all times. A toroidal CVT uses rollers and a pair of cone-shaped discs to create a wide range of gear ratios in a quiet, compact, and low-maintenance package. The Halcyon's CVT adjusts automatically for a smooth, hassle-free drive.