



# Chairiot™ solo



<b>Speed</b>	Up to 25 mph (or 35 mph)*
<b>Range</b>	Up to 50 miles on full charge
<b>Steering</b>	Rack-and-pinion, steering wheel with spinner
<b>Brakes</b>	Four-wheel hydraulic disc brakes with hand control
<b>Parking brake</b>	Mechanically engaged calipers with hand lever
<b>Suspension</b>	Front: Double-wishbone with coil springs & shocks Rear: Trailing arm/torsion tube, with coil spring & shocks
<b>Wheels &amp; tires</b>	Wheels 12 x 2.2 • Tires 100/90/R12
<b>Construction</b>	Unitized fiberglass shell on welded steel chassis
<b>Rear door</b>	Electric drive, wireless remote control, manual over-ride
<b>Battery package</b>	AGM - 48 volts - 7kW - 600 charging cycles
<b>Charging</b>	110/220v (15 amps) - standard US three-prong plug
<b>Charging time</b>	Typically 6-8 hours from 15% residual charge
<b>Propulsion</b>	Rear hub motors, left & right, 3 kW each nominal
<b>Dimensions</b>	Length 87.4" • Width 63" • Height 61"
<b>Weights</b>	Curb weight 1273 lbs • Gross weight 1742 lbs
<b>Accessories</b>	Rear back-up sensors with visual display & audio alert; front window defroster, cabin fan, car stereo with USB
<b>Night lighting</b>	Low-high beam headlights, parking lights, backup lights, rear entry spot, interior dome light, side reflectors
<b>Warranty &amp; support</b>	3 years, parts & labor, plus scheduled maintenance and roadside assistance**



## Colors



\* Speed electronically constrained in accordance with federal and state law; speed limits for neighborhood electric vehicles (NEV) vary by state/jurisdiction. The Chairiot solo complies with all equipment and safety requirements of US DOT FMVSS 571.500.

\*\* See Chairiot Limited Warranty Manual for details Copyright © 2014 Chairiot Mobility Inc. • specs subject to change without notice