

# Concierge 6-Passenger Electric Specifications

## DIMENSIONS

OVERALL LENGTH	161.4 in (4092 mm)
OVERALL WIDTH	47.2 in (1200 mm)
OVERALL HEIGHT (without suntop)	46.9 in (1190 mm)
WHEELBASE	131.38 in (3337 mm)
MINIMUM GROUND CLEARANCE	4.3 in (110 mm)

## POWER SUPPLY/DRIVE TRAIN

MOTOR	48-volt high-efficiency, shunt wound motor with internal solid state tachometer
OUTPUT RATING	3.8 hp (2.8 kW) for 30 minutes
MOTOR CONTROL UNIT	Solid-State microprocessor with high-efficiency MOSFET switching. 400 amp armature output, 30 amp field output
TRANSAXLE	EnduraDrive™ direct coupled transaxle equipped with high-precision helical gears, 12.49:1 drive axle ratio
BATTERIES	Six 8-volt Trojan T-875 batteries
CHARGER	Yamaha-built automatic microprocessor-based high frequency switching regulated charger with I.E.I.-type charging profile, an industry first. 17 amp DC max output at 48 volts, 9.5 amp 120 volt AC. Underwriters Laboratories (U.L.) Listed. C.S.A. Certified

## CHASSIS

FRAME	HybriCore™ Chassis features a robotic welded automotive ladder-style steel frame mated to a polypropylene structural floor. Frame is protected with a multi-step full-immersion phosphate treatment, electro-deposition epoxy-based coating, and a electrostatic applied polyester/urethane powder topcoat
BODY (FRONT/REAR)	Custom-formulated thermoplastic olefin, painted with a two-part topcoat of high-luster automotive grade polyurethane
BODY (INTERMEDIATE)	Fiber-reinforced plastic
STEERING	Self-compensating double reduction helical rack-and-pinion, permanently lubricated with sealed bearings and greaseless tie-rod ends
FRONT SUSPENSION	Tru-Trak II™ fully independent automotive-style strut suspension
REAR SUSPENSION	Unit swing arm with coil springs over hydraulic shock absorbers
BRAKES	Maintenance-free internal transaxle disc brake
SEATING	Seamless, fabric-backed vinyl bonded to pure, virgin foam contoured seat cushions and mated to a warp and moisture resistant polypropylene bottom, strengthened with plated steel inserts
BUMPERS	Front and rear 5 mph energy-absorbing bumpers

## PERFORMANCE

MAX FORWARD SPEED	15 mph (24 km/h)
MAX REVERSE SPEED	5 mph (8 km/h)
TURNING RADIUS	19.1 ft (5.8 m)

## GENERAL

DRY WEIGHT (less batteries)	884 lbs (400 kg)
TIRE SIZE	18.00 x 8.50-8.00 (4-ply rating)
SEATING CAPACITY	6 persons
AVAILABLE PAINT COLORS	Glacier, Emerald, Garnet, Tanzanite, Sandstone Metallic, Anthracite Metallic, Onyx Metallic
AVAILABLE SEAT & SUNTOP COLOR	Stone

## WARRANTY

Warranty	Standard 2 year limited vehicle warranty
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\*Specifications subject to change without notice