

**G29**  
48-Volt



DIMENSIONS	
OVERALL LENGTH	2.395 mm.
OVERALL WIDTH	1.200 mm.
OVERALL HEIGHT (with suntop)	1.789 mm.
OVERALL HEIGHT (without suntop)	1.190 mm.
WHEELBASE	1.640 mm.
FRONT WHEEL THREAT	870 mm.
REAR WHEEL THREAT	980 mm.
MINIMUM GROUND CLEARANCE	110 mm.
POWER SUPPLY/DRIVE TRAIN	
MOTOR	Hitachi 48-volt high-efficiency, shunt wound motor with internal solid state tachometer
OUTPUT RATING	3.5 HP (2.6 kW) for 30 minutes
MOTOR CONTROL UNIT	Yamaha-built solid state microprocessor with high-efficiency MOSFET switching. 270 Amp armature output, 20 Amp field output
TRANSAXLE	EnduraDrive V-belt automatic forward / reverse transaxle equipped with high-precision helical gears, 11.40:1 drive axle ratio
BATTERIES	Four Trojan T1275 Batteries
CHARGER	Yamaha-built automatic microprocessor-based high frequency switching regulated charger with I.E.I-type charging profile, 17 Amp DC max output at 48 volts. Underwriters Laboratories (U.L.) listed. C.S.A. certified
CHASSIS	
FRAME	HibriCore Chassis features a robotically welded automotive ladder-style frame mated to a polypropylene structural floor. Frame components are protected with a multi-step full-immersion phosphate treatment, electro-deposition epoxy-based coating and an el
BODY	Custom-formulated thermoplastic olefin, painted with a two-part top coat of high-luster automotive-grade polyurethane
STEERING	Self-compensating double reduction helical rack-and-pinion, permanently lubricated with sealed, 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
FRONT BUMPER	Energy-absorbing 8 km/h bumper
PERFORMANCE	
MAX FORWARD SPEED	24 km/h
MAX REVERSE SPEED	11 km/h
TURNING RADIUS	2.8 m.
GENERAL	
DRY WEIGHT (less battery)	243 kg.
TIRE SIZE	18.00 x 8.50-8.00 (4-ply rating)
SEATING CAPACITY	2 persons
WARRANTY	
Warranty	to be announced

YMENV October, 2006. Specifications are subject to change.

