



GAS FLEET GOLF CAR



SPECIFICATIONS

DIMENSIONS

OVERALL LENGTH	2395 mm (94.3 in)
OVERALL WIDTH	1200 mm (47.2 in)
OVERALL HEIGHT (w/ Suntop)	1789 mm (70.4 in)
OVERALL HEIGHT (w/o Suntop)	1190 mm (46.9 in)
WHEELBASE	1640 mm (64.6 in)
FRONT WHEEL TREAD	870 mm (34.3 in)
REAR WHEEL TREAD	980 mm (38.6 in)
MINIMUM GROUND CLEARANCE	112 mm (4.4 in)
FLOOR BOARD HEIGHT	310 mm (12.2 in)

ENGINE / DRIVE TRAIN

ENGINE TYPE	Yamaha-built, low-emission single cylinder 60° incline OHV
DISPLACEMENT	357 cc
BORE x STROKE	85 x 63 mm
HORSEPOWER	8.5 kW/3500 rpm (11.4 hp)
COMPRESSION RATIO	8:1
LUBRICATION SYSTEM	Splash-style positive oil lubrication
OIL CAPACITY	1 liter, 1000 cc (1 U.S. quart)
AIR CLEANER	Two-stage, urethane-foam pre-cleaner and high-capacity pleated paper cartridge
COOLING SYSTEM	Forced air
CARBURETOR	Mikuni BV26-18
FUEL SYSTEM	Electronic fuel injection (available as option)
IGNITION SYSTEM	Transistor magneto ignition
TRANSAXLE	Mechanical, 2 rear wheel
MAXIMUM TORQUE	25.5 Nm / 2,500 rpm
STARTING SYSTEM	Starter / Generator

CHASSIS

FRAME	HybriCore™ Chassis features a robotically welded automotive ladder-style frame mated to a polypropylene structural floor. Frame components are protected with a multi-step phosphate treatment, electro-deposition epoxy-based coating, and an electrostatically applied polyester/urethane powder topcoat
BODY	Custom-formulated thermoplastic olefin painted with a two-part top coat of high-luster automotive-grade polyurethane
STEERING	Self-compensating single 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	Mono-linkage
BRAKES	Self adjusting rear drum
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	24 km/h (15 mph)
MAX REVERSE SPEED	16 km/h (10 mph)
TURNING RADIUS	2.8 m (9.2 ft)

GENERAL

DRY WEIGHT (with suntop)	319 kg (703.3 lbs)
FUEL TANK CAPACITY	22.0 liters (5.8 U.S. gal)
TIRE SIZE	18.00 x 8.50-8.00 (4-ply rating)
SEATING CAPACITY	2 persons
AVAILABLE PAINT COLORS	Glacier, Sunstone, Emerald, Garnet, Tanzanite, Moonstone Metallic, Sandstone Metallic
AVAILABLE SEAT & SUNTOP COLOR	Stone

WARRANTY

WARRANTY	Standard 4-year limited vehicle warranty
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CHOOSE YOUR COLOR

Your choice of seven lustrous colors, including 3 brilliant metallics.



ELECTRIC FLEET GOLF CAR



SPECIFICATIONS

DIMENSIONS

OVERALL LENGTH	2395 mm (94.3 in)
OVERALL WIDTH	1200 mm (47.2 in)
OVERALL HEIGHT (w/ Suntop)	1789 mm (70.4 in)
OVERALL HEIGHT (w/o Suntop)	1190 mm (46.9 in)
WHEELBASE	1640 mm (64.6 in)
FRONT WHEEL TREAD	870 mm (34.3 in)
REAR WHEEL TREAD	980 mm (38.6 in)
MINIMUM GROUND CLEARANCE	112 mm (4.4 in)
FLOOR BOARD HEIGHT	310 mm (12.2 in)

CHOOSE YOUR COLOR

Your choice of seven lustrous colors, including 3 brilliant metallics.



MOTOR / DRIVE TRAIN / POWER SUPPLY

MOTOR	Hitachi 48-volt high-efficiency, shunt wound motor with internal solid state tachometer
OUTPUT RATING	2.6 kW (3.5 hp) 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	Mexhanical, 2 rear wheel
BATTERIES	STANDARD: Six 8-volt Trojan T875 Batteries with HydroLink Watering System OPTIONAL: Eight 6-volt Trojan T105 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 robotically welded automotive ladder-style frame mated to a polypropylene structural floor. Frame components are protected with a multi-step phosphate treatment, electro-deposition epoxy-based coating, and an electrostatically applied polyester/urethane powder topcoat
BODY	Custom-formulated thermoplastic olefin painted with a two-part top coat of high-luster automotive-grade polyurethane
STEERING	Self-compensating single 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	Mono-linkage
BRAKES	Self adjusting rear drum
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	24 km/h (15 mph)
MAX REVERSE SPEED	8.1 km/h (5 mph)
TURNING RADIUS	2.8 m (9.2 ft)

GENERAL

DRY WEIGHT (with suntop / less batteries)	269 kg (593 lbs)
FUEL TANK CAPACITY	22.0 liters (5.8 U.S. Gal)
TIRE SIZE	18.00 x 8.50-8.00 (4-ply rating)
SEATING CAPACITY	2 persons
AVAILABLE PAINT COLORS	Glacier, Sunstone, Emerald, Garnet, Tanzanite, Moonstone Metallic, Sandstone Metallic
AVAILABLE SEAT & SUNTOP COLOR	Stone

WARRANTY

WARRANTY	Standard 4-year limited vehicle warranty
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Specifications subject to change without notice.

PERSONAL TRANSPORTATION VEHICLE



SPECIFICATIONS

CHOOSE YOUR COLOR

Your choice of seven lustrous colors, including 3 brilliant metallics.



DIMENSIONS

OVERALL LENGTH	2395 mm (94.3 in)
OVERALL WIDTH	1200 mm (47.2 in)
OVERALL HEIGHT (w/ Suntop)	1789 mm (70.4 in)
OVERALL HEIGHT (w/o Suntop)	1190 mm (46.9 in)
WHEELBASE	1640 mm (64.6 in)
FRONT WHEEL TREAD	870 mm (34.3 in)
REAR WHEEL TREAD	980 mm (38.6 in)
MINIMUM GROUND CLEARANCE	112 mm (4.4 in)
FLOOR BOARD HEIGHT	310 mm (12.2 in)

ENGINE / DRIVE TRAIN (Gas)

ENGINE TYPE	Yamaha-built, low-emission single cylinder 60° incline OHV
DISPLACEMENT	357 cc
BORE x STROKE	85 x 63 mm
HORSEPOWER	8.5 kW/3500 rpm (11.4 hp)
COMPRESSION RATIO	8:1
LUBRICATION SYSTEM	Splash-style positive oil lubrication
OIL CAPACITY	1 liter, 1000 cc (1 U.S. quart)
AIR CLEANER	Two-stage, urethane-foam pre-cleaner and high-capacity pleated paper cartridge
COOLING SYSTEM	Forced air
FUEL SYSTEM	Electronic fuel injection
IGNITION SYSTEM	Transistor magneto ignition
TRANSAXLE	Mechanical, 2 rear wheel
STARTING SYSTEM	Starter / Generator
MAXIMUM TORQUE	25.5 Nm / 2,500 rpm

MOTOR / DRIVE TRAIN / POWER SUPPLY (Electric)

MOTOR	Hitachi 48-volt high-efficiency, shunt wound motor with internal solid state tachometer
OUTPUT RATING	2.6 kW (3.5 hp) 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	Mechanical, 2 rear wheel
BATTERIES	STANDARD: Six 8-volt Trojan T875 Batteries. OPTIONAL: Eight 6-volt Trojan T105 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 robotically welded automotive ladder-style frame mated to a polypropylene structural floor. Frame components are protected with a multi-step phosphate treatment, electro-deposition epoxy-based coating, and an electrostatically applied polyester/urethane powder topcoat
BODY	Custom-formulated thermoplastic olefin painted with a two-part top coat of high-luster automotive-grade polyurethane
STEERING	Self-compensating single 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	Mono-linkage
BRAKES	Self adjusting rear drum
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 (Gas)	24 km/h (15 mph)
MAX FORWARD SPEED (Electric)	STANDARD: 24 km/h (15 mph) OPTIONAL: 31 km/h (19 mph) with speed kit
MAX REVERSE SPEED (Gas)	16 km/h (10 mph)
MAX REVERSE SPEED (Electric)	8.1 km/h (5 mph)
TURNING RADIUS	2.8 m (9.2 ft)

GENERAL

DRY WEIGHT (Gas with suntop)	324 kg (714.3 lbs)
DRY WEIGHT (Electric with suntop / less batteries)	272 kg (599.6 lbs)
DRY WEIGHT (with Trojan T-875 batteries)	443 kg (976.6 lbs)
FUEL TANK CAPACITY (Gas only)	22.0 liters (5.8 U.S. gal)
TIRE SIZE	18.00 x 8.50-8.00 (4-ply rating)
SEATING CAPACITY	2 persons
AVAILABLE PAINT COLORS	Glacier, Emerald, Tanzanite, Moonstone Metallic, Onyx Metallic, Sandstone Metallic, Jasper Metallic
AVAILABLE SEAT & SUNTOP COLOR	Stone

WARRANTY

WARRANTY	Standard 4-year limited vehicle warranty
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Specifications subject to change without notice.

ADVENTURER ONE



SPECIFICATIONS

STANDARD
COLOR

TORTUGA

DIMENSIONS

OVERALL LENGTH	2660 mm (104.7 in)
OVERALL WIDTH	1243 mm (48.9 in)
OVERALL HEIGHT (w/o Suntop)	1198 mm (47.1 in)
WHEELBASE	1640 mm (64.6 in)
FRONT WHEEL TREAD	883 mm (34.7 in)
REAR WHEEL TREAD	980 mm (38.6 in)
MINIMUM GROUND CLEARANCE	112 mm (4.4 in)
FLOOR BOARD HEIGHT	295 mm (11.6 in)

ENGINE / DRIVE TRAIN (Gas)

ENGINE TYPE	Yamaha-built, low-emission single cylinder 60° incline OHV
DISPLACEMENT	357 cc
BORE x STROKE	85 x 63 mm
HORSEPOWER	8.5 kW/3500 rpm (11.4 hp)
COMPRESSION RATIO	8:1
LUBRICATION SYSTEM	Splash-style positive oil lubrication
OIL CAPACITY	1 liter, 1000 cc (1 U.S. quart)
AIR CLEANER	Two-stage, urethane-foam pre-cleaner and high-capacity pleated paper cartridge
COOLING SYSTEM	Forced air
FUEL SYSTEM	Electronic fuel injection
IGNITION SYSTEM	Transistor magneto ignition
TRANSAXLE	Mechanical, 2 rear wheel
MAXIMUM TORQUE	25.5 Nm / 2,500 rpm
STARTING SYSTEM	Starter / Generator

MOTOR / DRIVE TRAIN / POWER SUPPLY (Electric)

MOTOR	Hitachi 48-volt high-efficiency, shunt wound motor with internal solid state tachometer
OUTPUT RATING	2.6 kW (3.5 hp) 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	Mechanical, 2 rear wheel
BATTERIES	STANDARD: Six 8-volt Trojan T875 Batteries OPTIONAL: Eight 6-volt Trojan T105 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 robotically welded automotive ladder-style frame mated to a polypropylene structural floor. Frame components are protected with a multi-step phosphate treatment, electro-deposition epoxy-based coating, and an electrostatically applied polyester/urethane powder topcoat
BODY	Custom-formulated thermoplastic olefin and the front is painted with a two-part top coat of high-luster automotive-grade polyurethane
STEERING	Self-compensating single 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	Mono-linkage
BRAKES	Self adjusting rear drum
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 5 mph energy-absorbing bumper

PERFORMANCE

MAX FORWARD SPEED (Gas)	24 km/h (15 mph)
MAX FORWARD SPEED (Electric)	STANDARD: 24 km/h (15 mph) OPTIONAL: 31 km/h (19 mph) with speed kit
MAX REVERSE SPEED (Gas)	16 km/h (10 mph)
MAX REVERSE SPEED (Electric)	8.1 km/h (5 mph)
TURNING RADIUS	2.8 m (9.2 ft)

GENERAL

DRY WEIGHT (Gas)	345 kg (760.6 lbs)
DRY WEIGHT (Electric less batteries)	293 kg (645.9 lbs)
DRY WEIGHT (with Trojan T-875s batteries)	464 kg (1022.9 lbs)
CARGO BOX MATERIAL	Roto-molded linear polyethylene
CARGO BED CAPACITY	136 kg (300 lbs)
CARGO BED SIZE	760 mm (29.9 in) L x 1,115 mm (43.9 in) W x 234 mm (9.2 in) H
CARGO BED LOAD HEIGHT	695 mm (27.3 in)
FUEL TANK CAPACITY (Gas Only)	22.0 liters (5.8 U.S. gal)
TIRE SIZE	18.00 x 8.50-8.00 (4-ply rating)
SEATING CAPACITY	2 persons
AVAILABLE PAINT COLORS	STANDARD: Tortuga OPTIONAL: Glacier, Garnet, Tanzanite, Moonstone Metallic, Onyx Metallic, Sandstone Metallic
AVAILABLE SEAT COLOR	Stone

WARRANTY

WARRANTY	Standard 2-year limited vehicle warranty
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Specifications subject to change without notice.

ADVENTURER TWO



SPECIFICATIONS

STANDARD
COLOR

TORTUGA

DIMENSIONS

OVERALL LENGTH	2922 mm (115.0 in)
OVERALL WIDTH	1243 mm (48.9 in)
OVERALL HEIGHT (w/o Suntop)	1200 mm (47.2 in)
WHEELBASE	1917 mm (75.5 in)
FRONT WHEEL TREAD	990 mm (39.0 in)
REAR WHEEL TREAD	980 mm (38.6 in)
MINIMUM GROUND CLEARANCE	115 mm (4.5 in)
FLOOR BOARD HEIGHT	300 mm (11.8 in)

ENGINE / DRIVE TRAIN

ENGINE TYPE	Yamaha-built, low-emission single cylinder 60° incline OHV
DISPLACEMENT	357 cc
BORE x STROKE	85 x 63 mm
HORSEPOWER	8.5 kW/3500 rpm (11.4 hp)
COMPRESSION RATIO	8:1
LUBRICATION SYSTEM	Splash-style positive oil lubrication
OIL CAPACITY	1 liter, 1000 cc (1 U.S. quart)
AIR CLEANER	Two-stage, urethane-foam pre-cleaner and high-capacity pleated paper cartridge
COOLING SYSTEM	Forced air
FUEL SYSTEM	Electronic fuel injection
IGNITION SYSTEM	Transistor magneto ignition
TRANSAXLE	Mechanical, 2 rear wheel
MAXIMUM TORQUE	25.5 Nm / 2,500 rpm
STARTING SYSTEM	Starter / Generator

CHASSIS

FRAME	HybriCore™ Chassis features a robotically welded automotive ladder-style frame mated to a polypropylene structural floor. Frame components are protected with a multi-step phosphate treatment, electro-deposition epoxy-based coating, and an electrostatically applied polyester/urethane powder topcoat
BODY	Custom-formulated thermoplastic olefin and the front is painted with a two-part top coat of high-luster automotive-grade polyurethane
STEERING	Self-compensating single 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	Mono-linkage
BRAKES	Self-adjusting, mechanical drum brakes on all 4 wheels
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 5 mph energy-absorbing bumper

PERFORMANCE

MAX FORWARD SPEED	25 km/h (15.5 mph)
MAX REVERSE SPEED	16 km/h (10 mph)
TURNING RADIUS	3.3 m (10.8 ft.)

GENERAL

DRY WEIGHT	392 kg (864.2 lbs)
CARGO BOX MATERIAL	Roto-molded linear polyethylene
CARGO BED CAPACITY	363 kg (800 lbs)
CARGO BED SIZE	1,105 mm (43.5 in) L x 1,109 mm (43.7 in)W x 228 mm (9.0 in) H
CARGO BED LOAD HEIGHT	690 mm (27.1 in)
FUEL TANK CAPACITY	22.0 liters (5.8 U.S. gal)
TIRE SIZE	FRONT: 18.00 x 8.50-8.00 (4-ply rating) REAR: 18.00 x 8.50-8.00 (6-ply rating)
SEATING CAPACITY	2 persons
AVAILABLE PAINT COLORS	STANDARD: Tortuga OPTIONAL: Glacier, Garnet, Tanzanite, Moonstone Metallic, Onyx Metallic, Sandstone Metallic
AVAILABLE SEAT COLOR	Stone

WARRANTY

WARRANTY	Standard 2-year limited vehicle warranty
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Specifications subject to change without notice.

ADVENTURER RANGE PICKER



SPECIFICATIONS

**STANDARD
COLOR**

TORTUGA

Only available
in Tortuga.

DIMENSIONS

OVERALL LENGTH	2660 mm (104.7 in)
OVERALL WIDTH	1295 mm (51.0 in)
OVERALL HEIGHT w/ Range Cage	1702 mm (67.0 in)
WHEELBASE	1637 mm (64.4 in)
FRONT WHEEL TREAD	883 mm (34.7 in)
REAR WHEEL TREAD	980 mm (38.6 in)
MINIMUM GROUND CLEARANCE	123 mm (4.8 in)

ENGINE / DRIVE TRAIN (Gas)

ENGINE TYPE	Yamaha-built, low-emission single cylinder 60° incline OHV
DISPLACEMENT	357 cc
BORE x STROKE	85 x 63 mm
HORSEPOWER	8.5 kW/3500 rpm (11.4 hp)
COMPRESSION RATIO	8.1:1
LUBRICATION SYSTEM	Splash-style positive oil lubrication
OIL CAPACITY	1 liter, 1000 cc (1 U.S. quart)
AIR CLEANER	Two-stage, urethane-foam pre-cleaner and high-capacity pleated paper cartridge
COOLING SYSTEM	Forced air
FUEL SYSTEM	Electronic Fuel Injection
IGNITION SYSTEM	Transistor magneto ignition
TRANSAXLE	Mechanical, 2 rear wheel

MOTOR / DRIVE TRAIN / POWER SUPPLY (Electric)

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	Mechanical, 2 rear wheel
BATTERIES	STANDARD: Six 8-volt Trojan T875 Batteries OPTIONAL: Eight 6-volt Trojan T105 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 robotically welded automotive ladder-style frame mated to a polypropylene structural floor. Frame components are protected with a multi-step phosphate treatment, electro-deposition epoxy-based coating, and an electrostatically applied polyester/urethane powder topcoat
BODY	Custom-formulated thermoplastic olefin and the front is painted with a two-part top coat of high-luster automotive-grade polyurethane
STEERING	Self-compensating single 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	Self adjusting rear drum
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

PERFORMANCE

MAX FORWARD SPEED (Gas)	24 km/h (15 mph)
MAX FORWARD SPEED (Electric)	STANDARD: 24 km/h (15 mph) OPTIONAL: 31 km/h (19 mph) with speed kit
MAX REVERSE SPEED (Gas)	16 km/h (10 mph)
MAX REVERSE SPEED (Electric)	8.1 km/h (5 mph)
TURNING RADIUS	2.8 m (9.2 ft)

GENERAL

DRY WEIGHT (Gas) w/ Range Cage	449 kg (990 lbs)
DRY WEIGHT (Elec.) w/ Range Cage	440 kg (971 lbs)
CARGO BED CAPACITY	136 kg (300 lbs)
CARGO BED SIZE	760 mm (29.9 in) L x 1,115 mm (43.9 in) W x 234 mm (9.2 in) H
FUEL TANK CAPACITY (Gas Only)	22.0 liters (5.8 U.S. gal)
TIRE SIZE	18.00 x 8.50-8.00 (4-ply rating)
SEATING CAPACITY	2 persons
AVAILABLE PAINT COLORS	Tortuga
AVAILABLE SEAT COLOR	Stone

WARRANTY

WARRANTY	Standard 2-year limited vehicle warranty
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Specifications subject to change without notice.

FAIRWAY LOUNGE



SPECIFICATIONS

**STANDARD
COLOR**

TORTUGA

DIMENSIONS

OVERALL LENGTH	2743 mm (108.0 in)
OVERALL WIDTH	1252 mm (49.3 in)
OVERALL HEIGHT (With Suntop)	1826 mm (71.9 in) with Adventurer top, 1828 mm (72.5 in) with Sunbrella canopy top
WHEELBASE	1917 mm (75.5 in)
FRONT WHEEL TREAD	990 mm (39.0 in)
REAR WHEEL TREAD	980 mm (38.6 in)
MINIMUM GROUND CLEARANCE	115 mm (4.5 in)

ENGINE / DRIVE TRAIN

ENGINE TYPE	Yamaha-built, low-emission single cylinder 60° incline OHV
DISPLACEMENT	357 cc
BORE x STROKE	85 x 63 mm
HORSEPOWER	8.5 kW/3500 rpm (11.4 hp)
COMPRESSION RATIO	8.1:1
LUBRICATION SYSTEM	Splash-style positive oil lubrication
OIL CAPACITY	1 liter, 1000 cc (1 U.S. quart)
AIR CLEANER	Two-stage, urethane-foam pre-cleaner and high-capacity pleated paper cartridge
COOLING SYSTEM	Forced air
FUEL SYSTEM	Electronic fuel injection
IGNITION SYSTEM	Transistor magneto ignition
TRANSAXLE	V-belt automatic forward/reverse transaxle equipped with high-precision helical gears, 13.65:1 drive axle ratio

CHASSIS

FRAME	HybriCore™ Chassis features a robotically welded automotive ladder-style frame mated to a polypropylene structural floor. Frame components are protected with a multi-step phosphate treatment, electro-deposition epoxy-based coating, and an electrostatically applied polyester/urethane powder topcoat
BODY	Custom-formulated thermoplastic olefin and the front is painted with a two-part top coat of high-luster automotive-grade polyurethane
STEERING	Self-compensating single 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	Self-adjusting, mechanical drum brakes on all 4 wheels
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 5 mph energy-absorbing bumper

PERFORMANCE

MAX FORWARD SPEED (Gas)	24 km/h (15 mph)
MAX REVERSE SPEED (Gas)	16 km/h (10 mph)
TURNING RADIUS	3.3 m (10.8 ft)

DISPLAY CABINET / COLD STORAGE UNIT

DISPLAY CABINET	Features 5 individual storage compartments with durable locking polycarbonate doors. Cabinet has a brushed aluminum finish with a locking stainless steel cash drawer
COLD STORAGE UNIT	Features a gel-coated, UV-resistant base with 25 to 38 mm (1.0-1.5 in) polyurethane insulated panels and a single bottom-mounted drain with shut-off valve. Holds 16 cases of canned drinks and ice.
COLD STORAGE UNIT COLOR	Stone (standard)

VEHICLE CONFIGURATIONS

STANDARD	Adventurer Two vehicle with one bucket seat, one-piece clear windshield, Adventurer suntop and cold storage unit
DELUXE	Adventurer Two vehicle with one bucket seat, one-piece clear windshield, Sunbrella canvas top, cold storage unit and display cabinet

ADDITIONAL OPTIONS

MENU BOARD	Slide out design features a white board with a clear polycarbonate cover and aluminum frame. Mounts to display cabinet
CAMBRO UNIT & SWEATER BASKET	Cambro holds 9.5 liters (2.5 gallons) of hot or cold liquid. Sweater basket is made of heavy-gauge vinyl coated steel
CUP DISPENSERS	Two sizes to choose from. Accommodates either 6 to 10 oz. or 12 to 24 oz. cups
PASSENGER BUCKET SEAT (not available with Cambro Unit and Basket)	Supportive and comfortable bucket seat is made of foam in place polyurethane foam bonded to a durable vinyl cover. Available in Stone color
TRASH RECEPTACLE	Made of durable polyethylene with a 15 liters (4 gallons) capacity. Mounts to rear 2" hitch receiver. STANDARD: Hunter Green OPTIONAL: Black

GENERAL

DRY WEIGHT	470.8 kg (1038 lbs)
FUEL TANK CAPACITY (Gas Only)	22.0 liters (5.8 U.S. gal)
TIRE SIZE	FRONT: 18.00 x 8.50-8.00 (4-ply rating) REAR: 18.00 x 8.50-8.00 (6-ply rating)
SEATING CAPACITY	1 or 2 persons depending on vehicle configuration
AVAILABLE BODY COLORS	STANDARD: Tortuga OPTIONAL: Glacier, Garnet, Tanzanite, Moonstone Metallic, Onyx Metallic, Sandstone Metallic
AVAILABLE SEAT COLOR	Stone
CANOPY TOP COLOR	STANDARD: Hunter Green OPTIONAL: Canopy can be custom ordered in a variety of colors and patterns

WARRANTY

WARRANTY	Standard 2-year limited vehicle warranty
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Specifications subject to change without notice.

ADVENTURER HAULER



SPECIFICATIONS

STANDARD COLOR

GLACIER

Only available in Glacier.

DIMENSIONS

OVERALL LENGTH	2,922 mm (115.0 in)
OVERALL WIDTH	1,243 mm (48.9 in)
OVERALL HEIGHT w/ Suntop	1,826 mm (71.9 in)
FLOOR BOARD HEIGHT	300 mm (11.8 in)
WHEELBASE	1,917 mm (75.5 in)
MINIMUM GROUND CLEARANCE	115 mm (4.5 in)

ENGINE / DRIVE TRAIN

ENGINE TYPE	Yamaha-built, low-emission single cylinder 60° incline OHV
DISPLACEMENT	357 cc
BORE x STROKE	85 x 63 mm
HORSEPOWER	8.5 kW/3500 rpm (11.4 hp)
COMPRESSION RATIO	8.1:1
LUBRICATION SYSTEM	Splash-style positive oil lubrication
OIL CAPACITY	1 liter, 1000 cc (1 U.S. quart)
AIR CLEANER	Two-stage, urethane-foam pre-cleaner and high-capacity pleated paper cartridge
COOLING SYSTEM	Forced air
FUEL SYSTEM	Electronic fuel injection
IGNITION SYSTEM	Transistor magneto ignition
TRANSAXLE	EnduraDrive™ V-belt automatic forward/reverse transaxle equipped with high-precision helical gears, 13.65:1 drive axle ratio

CHASSIS

FRAME	HybriCore™ Chassis features a robotically welded automotive ladder-style frame mated to a polypropylene structural floor. Frame components are protected with a multi-step phosphate treatment, electro-deposition epoxy-based coating, and an electrostatically applied polyester/urethane powder topcoat
BODY	Custom-formulated thermoplastic olefin and the front is painted with a two-part top coat of high-luster automotive-grade polyurethane
STEERING	Self-compensating single 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	Self-adjusting, mechanical drum brakes on all 4 wheels
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 5 mph energy-absorbing bumper

PERFORMANCE

MAX FORWARD SPEED	25 km/h (15.5 mph)
MAX REVERSE SPEED	16 km/h (10 mph)
TURNING RADIUS	3.3 m (10.8 ft)

GENERAL

DRY WEIGHT	Standard Cargo Box & Flat Bed with Stake Side: 384 kg (847 lbs) Flat Bed with High Stake Side: 389 kg (857 lbs) Aluminum Cargo Box with Tool Box: 393 kg (866 lbs) Van Box: 408 kg (900 lbs)
CARGO BOX MATERIAL	Standard Cargo Box: Roto-molded linear polyethylene all other configurations: Powder coated aluminum
CARGO BOX CAPACITY	All configurations except Van Box: 363 kg (800 lbs) Van Box: 182 kg (400 lbs)
CARGO BOX SIZE	Standard Cargo Box: 1,105 mm (43.5 in) L x 1,109 mm (43.7 in) W x 228 mm (9.0 in) H Flat Bed with Stake Side: 1,194 mm (47.0 in) L x 1,130 mm (44.5 in) W x 178 mm (7.0 in) H Flat Bed with High Stake Side: 1,194 mm (47.0 in) L x 1,130 mm (44.5 in) W x 508 mm (20.0 in) H Aluminum Cargo Box with Tool Box Installed: 813 mm (32.0 in) L x 1,168 mm (46.0 in) W x 229 mm (9.0 in) H Aluminum Cargo Box without Tool Box: 1,118 mm (44.0 in) L x 1,168 mm (46.0 in) W x 229 mm (9.0 in) H Tool Box: 292 mm (11.5 in) L x 1,156 mm (45.5 in) W x 178 mm (7.0 in) H Van Box: 914 mm (36.0 in) L x 1,143 mm (45.0 in) W x 990 mm (39.0 in) H
FUEL TANK CAPACITY	22.0 liters (5.8 U.S. gal)
TIRE SIZE	18.50 x 8.50-8.00 DOT (6-ply rating)
SEATING CAPACITY	2 persons
AVAILABLE PAINT COLORS	Glacier
AVAILABLE SEAT COLOR	Stone

WARRANTY

WARRANTY	Standard 2-year limited vehicle warranty
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Specifications subject to change without notice.

ADVENTURER SUPER HAULER



SPECIFICATIONS

STANDARD COLOR

GLACIER

Only available in Glacier.

DIMENSIONS

OVERALL LENGTH	3,632 mm (143.0 in)
OVERALL WIDTH	1,346 mm (53.0 in)
OVERALL HEIGHT w/ Suntop	1,826 mm (71.9 in)
WHEELBASE	2,492 mm (98.1 in)
FRONT WHEEL TREAD	870 mm (34.3 in)
REAR WHEEL TREAD	980 mm (38.6 in)
MINIMUM GROUND CLEARANCE	114 mm (4.5 in)

ENGINE / DRIVE TRAIN (Gas)

ENGINE TYPE	Yamaha-built, low-emission single cylinder 60° incline OHV
DISPLACEMENT	357 cc
BORE x STROKE	85 x 63 mm
HORSEPOWER	8.5 kW/3500 rpm (11.4 hp)
COMPRESSION RATIO	8.1:1
LUBRICATION SYSTEM	Splash-style positive oil lubrication
OIL CAPACITY	1 liter, 1000 cc (1 U.S. quart)
AIR CLEANER	Two-stage, urethane-foam pre-cleaner and high-capacity pleated paper cartridge
COOLING SYSTEM	Forced air
FUEL SYSTEM	Electronic fuel injection
IGNITION SYSTEM	Battery coil ignition
TRANSAXLE	Mechanical, 2 rear wheel

POWER SUPPLY / DRIVE TRAIN (Electric)

MOTOR	STANDARD: Hitachi 48-volt high-efficiency, shunt wound motor with internal solid state tachometer
OUTPUT RATING	2.6 kW (3.5 hp) for 30 minutes
MOTOR CONTROL UNIT	STANDARD: Yamaha-built solid state microprocessor with high-efficiency MOSFET switching. 270 amp armature output, 20 amp field output OPTIONAL: Solid state DC microprocessor-controlled MOSFET switching. 400 amp armature output, 30 amp field output (must be ordered in conjunction with optional GE 48-volt motor)
TRANSAXLE	EnduraDrive™ direct coupled transaxle equipped with high-precision helical gears, 12.49:1 drive axle ratio
BATTERIES	STANDARD: Six 8-volt Trojan T875 Batteries OPTIONAL: Eight 6-volt Trojan T105 Batteries
CHARGER	YAMAHA-built automatic microprocessor-based high frequency switching regulated charger.

CHASSIS

FRAME	HybriCore™ 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 electrostatically applied polyester/urethane powder topcoat
BODY	Front: Custom-formulated thermoplastic olefin painted with a two-part top coat of high-luster automotive-grade polyurethane Rear: Powder coat aluminum
STEERING	Self-compensating single 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	Self adjusting rear drum
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

PERFORMANCE

MAX FORWARD SPEED (Gas)	24 km/h (15 mph)
MAX FORWARD SPEED (Electric)	STANDARD: 24 km/h (15 mph) OPTIONAL: 31 km/h (19 mph) with speed kit (only available with standard Hitachi motor and Yamaha built 270 amp motor control unit)
MAX REVERSE SPEED (Gas)	18.4 km/h (11.4 mph)
MAX REVERSE SPEED (Electric)	8.1 km/h (5 mph)
TURNING RADIUS	3.4 m (13.5 ft)

GENERAL

DRY WEIGHT (Gas)	405 kg (893 lbs)
DRY WEIGHT (Electric less batteries)	344 kg (758 lbs)
CARGO BOX MATERIAL	Powder coated Aluminum
CARGO BOX CAPACITY	363 kg (800 lbs) Gas 181 kg (400 lbs) for model with standard Hitachi motor and 270 amp motor control unit
CARGO BED SIZE	1,829 mm (72.0 in) L x 1,219 mm (48.0 in) W x 178 mm (7.0 in) H
FUEL TANK CAPACITY (Gas only)	22.0 liters (5.8 U.S. gal)
TIRE SIZE	18.50 x 8.50-8.00 DOT (6-ply rating)
AVAILABLE PAINT COLORS	Glacier
AVAILABLE TOP COLORS	Black
AVAILABLE SEAT COLOR	STANDARD: Black OPTIONAL: Stone

WARRANTY

WARRANTY	Standard 2-year limited vehicle warranty
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Specifications subject to change without notice.

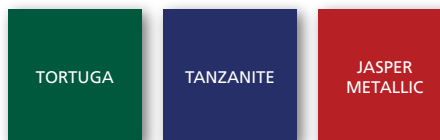
ADVENTURER SPORT GAS



SPECIFICATIONS

CHOOSE YOUR COLOR

Your choice of three lustrous colors, including 1 brilliant metallic.



DIMENSIONS

OVERALL LENGTH	2726 mm (107.3 in)
OVERALL WIDTH	1296 mm (51.0 in)
OVERALL HEIGHT	1271 mm (50.0 in)
FLOOR BOARD HEIGHT	366 mm (14.4 in)
WHEELBASE	1643 mm (64.7 in)
MINIMUM GROUND CLEARANCE	GAS: 139 mm (5.5 in) ELECTRIC: 135 mm (5.3 in)

ENGINE / DRIVE TRAIN (Gas)

ENGINE TYPE	YAMAHA built, low emission single cylinder 60° incline OHV
DISPLACEMENT	357 cc
BORE x STROKE	85 x 63 mm
COMPRESSION RATIO	8.1
MAXIMUM OUTPUT	8.5 kW/3500 rpm (11.4 hp)
MAXIMUM TORQUE	25.5 nm (2500 rpm)
COOLING SYSTEM	Forced air
FUEL SYSTEM	Electronic Fuel Injection
STARTING SYSTEM	Starter / Generator
IGNITION SYSTEM	Transistor magneto ignition
LUBRICATION SYSTEM	Splash-style positive oil lubrication
TRANSAXLE	Mechanical, 2 rear wheel

POWER SUPPLY / DRIVE TRAIN (Electric)

MOTOR	Hitachi 48-volt high-efficiency, shunt wound motor with internal solid state tachometer
OUTPUT RATING	2.6 kW (3.5 hp) for 30 minutes
MOTOR CONTROL UNIT	Yamaha-built solid state microprocessor with high-efficiency MOSFET switching. 270 amp armature output, 20 amp field output
BATTERIES	STANDARD: Six 8-volt Trojan T875 Batteries OPTIONAL: Eight 6-volt Trojan T105 Batteries
CHARGER	YAMAHA-built automatic microprocessor-based high frequency switching regulated charger.
TRANSAXLE	Mechanical, 2 rear wheel

CHASSIS

FRAME	HybriCore™ Chassis features a robotic welded automotive ladder-style steel frame mated to a polypropylene structural floor. Frame is protected with electro-deposition epoxy-based coating and a electrostatic applied polyester/urethane powder topcoat
BODY	Custom-formulated thermoplastic olefin, painted with a two-part topcoat of high-luster automotive grade polyurethane
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	Self adjusting rear drum

PERFORMANCE

MAXIMUM SPEED	25 km/h (15.5 mph)
MAXIMUM TURNING RADIUS	3 m (9.8 ft.)

GENERAL

DRY WEIGHT (Gas)	374 kg (823.4 lbs)
DRY WEIGHT (Electric less batteries)	336 kg (739.6 lbs)
TOTAL VEHICLE CAPACITY	340 kg (750 lbs)
GROSS VEHICLE WEIGHT (Gas)	730 kg (1608 lbs)
GROSS VEHICLE WEIGHT (Electric)	847 kg (1866 lbs)
CARGO BED CAPACITY	136 kg (300 lbs)
CARGO BOX SIZE	760 mm (29.9 in) L x 1,115 mm (43.9 in) W x 234 mm (9.2 in) H
FUEL TANK CAPACITY	22.0 liters (5.8 U.S. gal)
TIRE SIZE	20.00 x 10.00-8.00 (4-ply rating)
TIRE INFLATION (Fr/Rr)	12 psi / 14 psi
SEATING CAPACITY	2 persons
AVAILABLE PAINT COLORS	STANDARD: Tortuga OPTIONAL: Tanzanite, Jasper Metallic
AVAILABLE TOP COLORS	Black

WARRANTY

WARRANTY	Standard 2-year limited vehicle warranty
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This vehicle complies to SAE-J-2258 2010. Specifications subject to change without notice.

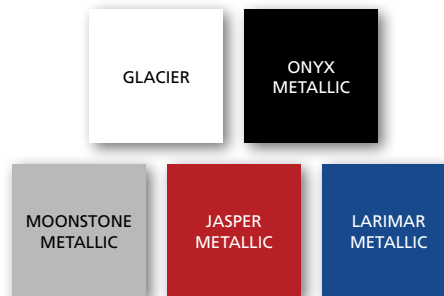
ADVENTURER SPORT 2+2



SPECIFICATIONS

CHOOSE YOUR COLOR

Your choice of five lustrous colors, including 3 brilliant metallics.



DIMENSIONS

OVERALL LENGTH	2765 mm (108.9 in)
OVERALL WIDTH	1294 mm (50.9 in)
OVERALL HEIGHT	1270 mm (50.0 in)
FLOOR BOARD HEIGHT	365 mm (14.4 in)
WHEELBASE	1643 mm (64.7 in)
MINIMUM GROUND CLEARANCE	GAS: 140 mm (5.5 in) ELECTRIC: 135 mm (5.3 in)

ENGINE / DRIVE TRAIN (Gas)

ENGINE TYPE	YAMAHA built, low emission single cylinder 60° incline OHV
DISPLACEMENT	357 cc
BORE x STROKE	85 x 63 mm
COMPRESSION RATIO	8.1
MAXIMUM OUTPUT	8.5 kW/3500 rpm (11.4 hp)
MAXIMUM TORQUE	25.5 nm (2500 rpm)
COOLING SYSTEM	Forced air
FUEL SYSTEM	Electronic Fuel Injection
STARTING SYSTEM	Starter / Generator
IGNITION SYSTEM	Transistor magneto ignition
LUBRICATION SYSTEM	Splash-style positive oil lubrication
TRANSAXLE	Mechanical, 2 rear wheel

POWER SUPPLY / DRIVE TRAIN (Electric)

MOTOR	Hitachi 48-volt high-efficiency, shunt wound motor with internal solid state tachometer
OUTPUT RATING	2.6 kW (3.5 hp) for 30 minutes
MOTOR CONTROL UNIT	Yamaha-built solid state microprocessor with high-efficiency MOSFET switching. 270 amp armature output, 20 amp field output
BATTERIES	STANDARD: Six 8-volt Trojan T875 Batteries OPTIONAL: Eight 6-volt Trojan T105 Batteries
CHARGER	YAMAHA-built automatic microprocessor-based high frequency switching regulated charger.
TRANSAXLE	Mechanical, 2 rear wheel

CHASSIS

FRAME	HybriCore™ Chassis features a robotic welded automotive ladder-style steel frame mated to a polypropylene structural floor. Frame is protected with electro-deposition epoxy-based coating and a electrostatic applied polyester/urethane powder topcoat
BODY	Custom-formulated thermoplastic olefin, painted with a two-part topcoat of high-luster automotive grade polyurethane
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	Self adjusting rear drum

PERFORMANCE

MAXIMUM SPEED	25 km/h (15.5 mph)
MAXIMUM TURNING RADIUS	3 m (9.8 ft.)

GENERAL

DRY WEIGHT (Gas)	411 kg (905.0 lbs)
DRY WEIGHT (Electric less batteries)	358 kg (788.1 lbs)
TOTAL VEHICLE CAPACITY	363 kg (800 lbs)
GROSS VEHICLE WEIGHT (Gas)	773 kg (1703 lbs)
GROSS VEHICLE WEIGHT (Electric)	891 kg (1963 lbs)
FLAT BED CAPACITY	114 kg (250 lbs)
FUEL TANK CAPACITY	22.0 liters (5.8 U.S. gal)
TIRE SIZE	20.00 x 10.00-8.00 (4-ply rating)
TIRE INFLATION (Fr/Rr)	12 psi / 14 psi
SEATING CAPACITY	4 persons
AVAILABLE PAINT COLORS	Glacier, Onyx Metallic, Moonstone Metallic, Jasper Metallic, Larimar Metallic
AVAILABLE TOP COLORS	White, Stone, Black

WARRANTY

WARRANTY	Standard 2-year limited vehicle warranty
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This vehicle complies to SAE-J-2258 2010. Specifications subject to change without notice.

CONCIERGE 4



SPECIFICATIONS

DIMENSIONS

OVERALL LENGTH	3250 mm (128.0 in)
OVERALL WIDTH	1200 mm (47.2 in)
OVERALL HEIGHT (w/o Suntop)	1190 mm (46.9 in)
WHEELBASE	2492 mm (98.1 in)
FRONT WHEEL TREAD	870 mm (34.3 in)
REAR WHEEL TREAD	980 mm (38.6 in)
MINIMUM GROUND CLEARANCE	112 mm (4.4 in)

ENGINE / DRIVE TRAIN (Gas)

ENGINE TYPE	Yamaha-built, low-emission single cylinder 60° incline OHV
DISPLACEMENT	357 cc
BORE x STROKE	85 x 63 mm
HORSEPOWER	8.5 kW/3500 rpm (11.4 hp)
COMPRESSION RATIO	8:1
LUBRICATION SYSTEM	Splash-style positive oil lubrication
OIL CAPACITY	1 liter, 1000 cc (1 U.S. quart)
AIR CLEANER	Two-stage, urethane-foam pre-cleaner and high-capacity pleated paper cartridge
COOLING SYSTEM	Forced air
FUEL SYSTEM	Electronic fuel injection
IGNITION SYSTEM	Transistor magneto ignition
TRANSAXLE	Mechanical, 2 rear wheel
MAXIMUM TORQUE	25.5 / 2,500 Nm/rpm
STARTING SYSTEM	Starter / Generator

MOTOR / DRIVE TRAIN / POWER SUPPLY (Electric)

MOTOR	Hitachi 48-volt high-efficiency, shunt wound motor with internal solid state tachometer
OUTPUT RATING	2.6 kW (3.5 hp) 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	Mechanical, 2 rear wheel
BATTERIES	STANDARD: Six 8-volt Trojan T875 Batteries OPTIONAL: Eight 6-volt Trojan T105 Batteries
CHARGER	YAMAHA-built automatic microprocessor-based high frequency switching regulated charger.

CHASSIS

FRAME	HybriCore™ Chassis features a robotically welded automotive ladder-style frame mated to a polypropylene structural floor. Frame components are protected with a multi-step phosphate treatment, electro-deposition epoxy-based coating, and an electrostatically applied polyester/urethane powder topcoat
BODY (FRONT/REAR)	Injection molded resin
BODY (INTERMEDIATE)	Custom-formulated thermoplastic olefin
STEERING	Self-compensating single 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	Mono-linkage
BRAKES	Self adjusting rear wheel mechanical drum
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 (Gas)	24 km/h (15 mph)
MAX FORWARD SPEED (Electric)	24 km/h (15 mph)
MAX REVERSE SPEED (Gas)	16 km/h (10 mph)
MAX REVERSE SPEED (Electric)	8.1 km/h (5 mph)
TURNING RADIUS	4.24 m (13.9 ft)

GENERAL

DRY WEIGHT (Gas)	388 kg (855 lbs)
DRY WEIGHT (Electric less batteries)	320 kg (720 lbs)
DRY WEIGHT w Trojan T-875 batteries	491 kg (1082.5 lbs)
FUEL TANK CAPACITY (Gas only)	22.0 liters (5.8 U.S. gal)
TIRE SIZE	18.00 x 8.50-8.00 (4-ply rating)
SEATING CAPACITY	4 persons
AVAILABLE PAINT COLORS	Glacier, Emerald, Tanzanite, Sandstone Metallic, Moonstone Metallic, Onyx Metallic, Jasper Metallic
AVAILABLE SEAT & SUNTOP COLOR	Stone

WARRANTY

WARRANTY	Standard 2-year limited vehicle warranty
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Specifications subject to change without notice.

CHOOSE YOUR COLOR

Your choice of seven lustrous colors, including 4 brilliant metallics.



PERSONAL SECURITY VEHICLE

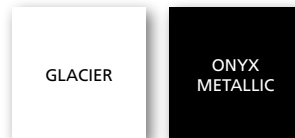


SPECIFICATIONS

AVAILABLE COLORS

DIMENSIONS

OVERALL LENGTH	2921 mm (115.0 in)
OVERALL WIDTH	1397 mm (55.0 in)
OVERALL HEIGHT	1892 mm (74.5 in)
WHEELBASE	1641 mm (64.6 in)
FRONT WHEEL TREAD	870 mm (34.3 in)
REAR WHEEL TREAD	980 mm (38.6 in)
MINIMUM GROUND CLEARANCE	109 mm (4.3 in)



ENGINE / DRIVE TRAIN (Gas)

ENGINE TYPE	Yamaha-built, low-emission single cylinder 60° incline OHV
DISPLACEMENT	357 cc
BORE x STROKE	85 x 63 mm
HORSEPOWER	8.5 kW/3500 rpm (11.4 hp)
COMPRESSION RATIO	8.1:1
LUBRICATION SYSTEM	Splash-style positive oil lubrication
OIL CAPACITY	1 liter, 1000 cc (1 U.S. quart)
AIR CLEANER	Two-stage, urethane-foam pre-cleaner and high-capacity pleated paper cartridge
COOLING SYSTEM	Forced air
FUEL SYSTEM	Electronic fuel injection
IGNITION SYSTEM	Battery coil ignition
TRANSAXLE	Mechanical, 2 rear wheel

MOTOR / DRIVE TRAIN / POWER SUPPLY (Electric)

MOTOR	Hitachi 48-volt high-efficiency, shunt wound motor with internal solid state tachometer
OUTPUT RATING	2.6 kW (3.5 hp) 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	Mechanical, 2 rear wheel
BATTERIES	Eight 6-volt Trojan T105 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 robotically welded automotive ladder-style frame mated to a polypropylene structural floor. Frame components are protected with a multi-step phosphate treatment, electro-deposition epoxy-based coating, and an electrostatically applied polyester/urethane powder topcoat
BODY	Custom-formulated thermoplastic olefin painted with a two-part top coat of high-luster automotive-grade polyurethane
STEERING	Self-compensating single 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	Self adjusting rear wheel mechanical drum
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 (Gas)	24 km/h (15 mph)
MAX FORWARD SPEED (Electric)	STANDARD: 24 km/h (15 mph) OPTIONAL: 31 km/h (19 mph) with speed kit
MAX REVERSE SPEED (Gas)	16 km/h (10 mph)
MAX REVERSE SPEED (Electric)	8.1 km/h (5 mph)
TURNING RADIUS	2.8 m (9.2 ft)

GENERAL

DRY WEIGHT (Gas)	376 kg (828 lbs)
DRY WEIGHT (Electric less batteries)	370 kg (815 lbs)
CARGO BOX MATERIAL	Roto-molded linear polyethylene
CARGO BOX CAPACITY	113 kg (250 lbs)
CARGO BED SIZE (LxWxH)	650 mm (25.6 in) x 1147 mm (41.2 in) x 190 mm (7.5 in)
FUEL TANK CAPACITY (Gas only)	22.0 liters (5.8 U.S. gal)
TIRE SIZE	18.50 x 8.50-8.00 DOT (6-ply rating)
SEATING CAPACITY	2 persons
AVAILABLE PAINT COLORS	Glacier, Onyx Metallic
AVAILABLE CAB COLORS	Black Cab with White Doors
AVAILABLE SEAT COLOR	Stone

WARRANTY

WARRANTY	Standard 2-year limited vehicle warranty
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Specifications subject to change without notice.