



A Textron Company

**MODEL: TXT 48 FREEDOM GOLF CAR**  
**TYPE: ELECTRIC 48V FREEDOM GOLF CAR**  
**MODEL YEAR: 2010**  
**Part No.: 614265**



### PRODUCT SPECIFICATION

#### CONFIGURATION HIGHLIGHTS

**TrueCourse Technology:** Programmable to any golf course terrain, with expanded regenerative braking function, and vehicle charger lockout

- Solid State continuously variable separately excited speed controller
- Dash mounted direction selector switch (Forward-Neutral-Reverse)
- Anti-roll back, walkaway braking and alarm
- Programmable regenerative braking, acceleration and speed
- Six, 8 Volt Deep Cycle
- Full torque, reduced speed reverse
- Inductive throttle sensor
- Handheld vehicle diagnostics and rounds tracking

**Battery Charger:** PowerWise™ 48QE high frequency, fully line compensating, 10 ft (3 m) DC Cord. Underwriters Lab. (U.L.) Listed, (C.S.A. Certified)

- Input: 120 Volts AC, 50/60 Hz, 8 amps
- Output: 48 Volts DC at 13 amps

**Motor:** 48 Volt DC shunt wound, brazed armature, solid copper windings

**Drive Train:** Direct motor shaft connected to transaxle pinion shaft

**Electrical System:** 48 Volt DC, six, 8 volt deep cycle batteries (117 minute minimum, 170 amp-hour @ 20 hr. discharge rate)

**Transaxle:** Differential with helical gears

**Brakes:** Dual rear wheel mechanical self-adjusting drum brakes. Automatic single point park brake release with self-compensating system

### PRODUCT OVERVIEW

#### Dimensions

Overall Length	91.0 in (231 cm)
Overall Width	47.0 in (119 cm)
Overall Height (No Canopy)	46.5 in (118 cm) (Top of steering wheel)
Overall Height (With Canopy)	68.0 in (173 cm)
Wheel Base	66.0 in (168 cm)
Front Wheel Track	34.0 in (86 cm)
Rear Wheel Track	38.5 in (97 cm)
Ground Clearance (at Differential)	4.5 in (11 cm)

#### Vehicle Power

Power Source	48 Volts DC
Motor Type	Shunt Wound
Horsepower (kW)	3.0 HP (2.2 kW) Continuous
Electrical System	48 Volt
Batteries (Qty, Type)	Six, 8 Volt Deep Cycle
Key or Pedal Start	Pedal Start
Battery Charger	48 VDC PowerWise™ QE, 120 VAC, UL/CSA
Speed Controller	250 Amp Solid State Controller
Drive Train	Motor Shaft Direct Drive
Transaxle	Differential with helical gears
Gear Selection	Dash Mounted Forward-Neutral-Reverse
Rear Axle Ratio	12.44:1

#### Performance

Seating Capacity	2 Person
Dry Weight	557 lb (253 kg) (Without Batteries)
Curb Weight	935 lb (424 kg) (Trojan T-875)
Vehicle load capacity	800 lb (360 kg)
Outside Clearance Circle	19.0 ft (5.8 m)
Speed (Level Ground)	14.5 - 19.5 mph (23.3 - 31.4 kph)
Towing Capacity	3 Golf Cars with Approved Permanent Tow Bar

#### Steering & Suspension

Steering	Self-compensating rack and pinion
Front Suspension	Leaf springs with hydraulic shock absorbers
Rear Suspension	Leaf springs with hydraulic shock absorbers
Service Brake	Rear wheel mechanical self-adjusting drum
Parking Brake	Self-compensating, single point engagement
Front Tires	Hole-in-One 18 x 8.50 - 8 (4 Ply Rated)
Rear Tires	Hole-in-One 18 x 8.50 - 8 (4 Ply Rated)

#### Body & Chassis

Frame	Welded steel. DuraShield™ powder coat
Body & Finish	Injection molded TPO
Standard Color	Champagne



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**OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)\***

Item	Std	Opt	Fld	Item	Std	Opt	Fld
<b>TIRES &amp; WHEELS:</b>				<b>ELECTRICAL:</b>			
<b>Front:</b>				Key Switch (Incl Lights and SOC Meter)			
Hole-in-One 18 x 8.50 - 8 (4 Ply Rated)	●			Key Switch (Incl Lights)		●	
USA Trail 18 x 8.50 - 8 (Load Range C)		●		Unique Group Key Switch (Incl Lights)		●	
Tour Max 18 x 8.50 - 10" Alloy Wheels		●		Unique Individual Key Switch (Incl Lights)		●	
Speed Racer 18 x 10 - 10 on Diamond Wheel		●		Turn Signal Pkg		●	
<b>Rear:</b>				Handheld Diagnostics Unit			
Hole-in-One 18 x 8.50 - 8 (4 Ply Rated)	●			<b>Battery Chargers:</b>			
USA Trail 18 x 8.50 - 8 (Load Range C)		●		Powerwise QE 48V 10 ft (3.0 m) DC Cord	●		
Turf Saver 18 x 8.50 - 8 (Load Range B)		●		Powerwise QE 48V 18 ft (5.5 m) DC Cord		●	
Tour Max 18 x 8.50 - 10" Alloy Wheels		●		World Charger QE 48V 10 ft (3.0 m) DC Cord		●	
Speed Racer 18 x 10 - 10 on Diamond Wheel		●		World Charger QE 48V 18 ft (5.5 m) DC Cord		●	
<b>Wheel Covers:</b>				<b>OTHER PERFORMANCE:</b>			
Spoke, Silver		●		Ash Tray		●	
Spoke, Gold		●		Heavy Duty Battery Option (T-890)		●	
<b>COLORS:</b>				Battery Fill System Hand Pump			
Body Color - Champagne	●			Battery Fill System Nozzle (20 ft)		●	
Body Color - Hunter Green	●			Battery Fill System - T875		●	
Body Color - Orange		●		Battery Fill System - T890		●	
Body Color - Cloud Grey		●		Cooler Jug (Cube) & Bracket		●	
Body Color - Patriot Blue		●		Cooler & Bracket		●	
Body Color - Inferno Red		●		Differential Guard		●	
Body Color - Steel Blue		●		Divot Repair			
Body Color - Metallic Charcoal		●		Sand Bottle (Bottom Fill)		●	
Body Color - Yellow		●		Sand Bucket		●	
Body Color - White		●		Fender Scuff Guard		●	
Body Color - Flame Red		●		Heavy Duty Rear Suspension		●	
Body Color - Black		●		Message Holder Single (Sun Canopy Required)			●
Body Color - Electric Blue		●		Message Holder Double (Sun Canopy Required)			●
Body Color - Platinum		●		Rear View Mirror (Sun Canopy Required)			●
Custom Body Color		●		Sand Rake Holder		●	
<b>Pin Stripes:</b>				Sand Rake			
Gold		●		Side Basket (Single)		●	
Black		●		Side Basket (Double)		●	
Non Standard Color		●		Sweater Basket	●		
<b>Seating</b>				Tow Bar (Permanent)			
Seat Color - Oyster	●			Tow Bar (Casual Use)			●
Seat Color - Tan		●		DC-DC Converter	●		
Seat Color - Grey		●		Hour Meter		●	
Custom Seat Color		●		Glove Box Doors (Incl LH and RH)			●
<b>Programmable Speed Modes</b>				Coastal Package - Std Suspension			
Speed - Freedom	●			Coastal Package - HD Suspension		●	
Speed - Golf Coastal		●		CE Compliance Kit			●
Speed - Mild Hill		●					
Speed - Steep Hill		●					
Speed - Steep Hill		●					

