



A Textron Company

MODEL: RXV FREEDOM™
TYPE: ELECTRIC PERSONAL GOLF CAR
MODEL YEAR: 2010
Part No.: 606602



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

Programmable AC Drive System: Factory programmable to application

- Solid State variable frequency AC speed controller
- Drive-by-wire electronic throttle control
- Dash mounted direction selector switch (Forward-Neutral-Reverse)
- Descent speed control and automatic hill hold
- Full-time regenerative braking
- 230 Amp AC Controller
- Full torque, reduced speed reverse
- Sealed Hall effect throttle sensor
- Full diagnostic capability (Hand held diagnostic unit)
- Six field selectable speeds with hand held diagnostic unit

Motor: 48 Volt AC induction motor, solid copper windings. 4.4 hp (3.3 kW) Continuous. AC system reads motor speed for accurate speed control in all conditions. Regenerative braking for maximum economy

Battery Charger: 48 VDC PowerWise™ High Frequency, 120/230 VAC 50/60 Hz. Underwriters Laboratories (U.L.) Listed, (C.S.A. Certified)

Electrical System: 48 Volt DC, four, 12 volt deep cycle storage batteries batteries (60 minute minimum, 140 amp-hour @ 20 hr. discharge rate)

Drive Train: Direct motor shaft connected to transaxle pinion shaft

Transaxle: Differential with reverse helical gears

Brakes: Induction motor. Electro-magnetic parking brake is applied automatically

Body Protection: 360° energy transfer bumpers maximize vehicle protection from minor impact

PRODUCT OVERVIEW

Dimensions		Performance	
Overall Length	94.5 In (240 cm)	Seating Capacity	2 Person
Overall Width	47.0 in (119 cm)	Dry Weight	635 lb (290 kg) (Without Batteries)
Overall Height (No Canopy)	45.7 in (116 cm)	Curb Weight	935 lb (425 kg)
Overall Height (With Canopy)	68.5 in (174 cm)	Vehicle load capacity	800 lb (360 kg)
Wheel Base	65.7 in (167 cm)	Outside Clearance Circle	19.2 ft (5.8 m)
Front Wheel Track	35.5 in (90 cm)	Intersecting Aisle Clearance	N/A
Rear Wheel Track	38.0 in (97 cm)	Speed (Level Ground)	17.5 - 19.5 mph (28 - 31 kph)
Gnd Clearance @ Differential	4.5 in (11 cm)	Towing Capacity	3 E-Z-GO Golf Cars with approved tow bars
Vehicle Power		Steering & Suspension	
Power Source	48 Volts DC	Steering	Double Ended Rack & Pinion
Motor Type	48 Volt AC	Front Suspension	Independent A-Arm Coil Over Shock
Horsepower (kW)	4.4 hp (3.3 kW) Continuous	Rear Suspension	Mono-Leaf Springs With Hydraulic Shocks
Electrical System	48 Volt	Service Brake	Induction Motor
Batteries (Qty, Type)	Four, 12 Volt Deep Cycle	Parking Brake	Automatic Electro-Magnetic
Key or Pedal Start	Pedal	Front Tires	Links 18 x 8.50 - 8 (4 Ply Rated)
Speed Controller	235 Amp AC Controller	Rear Tires	Links 18 x 8.50 - 8 (4 Ply Rated)
Drive Train	Motor Shaft Direct Drive	Body & Chassis	
Transaxle	Limited Slip Differential	Frame	Welded Steel. DuraShield™ powder coat
Gear Selection	Dash Mounted Forward-Neutral-Reverse	Body & Finish	Injection molded TPO
Rear Axle Ratio	16.99:1	Standard Color	Forest Green
Battery Charger	48 VDC PowerWise™ OE High Frequency UL/CSA		

Some items shown may be optional equipment



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OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)*

Item	Std	Opt	Fld	Item	Std	Opt	Fld
TIRES & WHEELS:				Divot Repair			
Front & Rear:				Sand Bottle			●
Links 18 x 8.50 - 8 (4 Ply Rated)	●			Sand Bucket, Driver Side		●	
T Shot, 18 x 8.50 - 8 (4 Ply Rated)		●		Sand Bucket, Passenger Side		●	
Tour Max 18 x 8.50 - 10 on Alloy Wheels		●		Glove Box Doors, Driver & Passenger		●	
USA Trail 18 x 8.50 - 8 (6 Ply Rated)		●		Insert, No Sun Canopy		●	
Wheel Covers:				Message Holder			●
Spoke, Platinum		●		Fender Scuff Guard	●		
COLORS:				Sand Rake			●
Body Color - Forest Green	●			SoftSwipe Cleaner		●	
Body Color - Black		●		Side Basket, Driver Side		●	
Body Color - Flame Red		●		Side Basket, Passenger Side		●	
Body Color - Ivory		●		Tow Bar (Temporary)			●
Body Color - Burgundy		●		WEATHER PROTECTION:			
Body Color - Patriot Blue		●		Bag Cover (Tan)			●
Body Color - Steel Blue		●		Bag Cover (Oyster)			●
Body Color - Inferno Red		●		Sun Canopy (Top) Oyster			●
Body Color - Platinum		●		Sun Canopy (Top) Tan			●
Body Color - Electric Blue		●		Windshield Flat (Requires Sun Canopy)			●
Body Color - Bright White		●		ELECTRICAL:			
Body Color - Almond		●		CE Kit			●
Body Color - Custom		●		Hand Held Diagnostic Unit			●
Pin Stripes:				Headlights	●		
Gold		●		Heavy Duty Batteries Batteries (T-1275)			●
Non Standard Color				Horn	●		
Seating				Taillights	●		
Seat Color (Stone Beige)	●			Turn Signals			●
Seat Color (Oyster)		●		Battery Chargers:			
Seat Color (Custom)		●		Battery Charger 48 V 10 ft (3.0 m) DC Cord	●		
OTHER PERFORMANCE:				Battery Charger 48 V 18 ft (5.5 m) DC Cord			●
Ash Tray		●		World Charger 48 V 3.0m (10.0 ft) Cord			●
Battery Fill System Nozzle (Gun)			●	World Charger 48 V 5.5m (18.0 ft) Cord			●
Battery Fill System		●		Headlights	●		
Club & Ball Washer, Driver Side			●	Heavy Duty Batteries Batteries (T-1275)			●
Club & Ball Washer, Passenger Side			●	World Charger 48 V 5.5m (18.0 ft) Cord			●
Cooler & Bracket, Driver Side		●		Headlights	●		
Cooler & Bracket, Passenger Side		●		Heavy Duty Batteries Batteries (T-1275)			●
Cooler Jug (Cube) & Bracket		●					



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MODEL: RXV FREEDOM™

TYPE: GASOLINE POWERED PERSONAL GOLF CAR

MODEL YEAR: 2010

Part No.: 606603



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

Engine: 13 hp (9.7 kW) Exceeds SAE J1940 Standard, 4 cycle, 24.5 ci (401 cc) single cylinder, air-cooled by Kawasaki

- **Valve Train:** Overhead valve
- **Fuel System:** Fixed float bowl with remote pulse fuel pump
- **Lubrication:** Pressurized oil system, spin-on oil filter
- **Ignition:** Electronic spark/magneto
- **Balancer:** Internal counter rotating balance shaft
- **Air Cleaner:** Replaceable dry cartridge

Electrical: Starter/Generator, solid-state regulator, 12 Volt maintenance free battery (425 CCA, 60 minute reserve)

Drive Train: Automatic, continuously variable transmission (CVT)

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

Transaxle: Differential with helical gears, ground speed governor, forward/reverse

Body Protection: 360° energy transfer bumpers maximize vehicle protection from minor impact

PRODUCT OVERVIEW

Dimensions

Overall Length	94.5 In (240 cm)
Overall Width	47.0 in (119 cm)
Overall Height (No Canopy)	45.7 in (116 cm)
Overall Height (With Canopy)	68.5 in (174 cm)
Wheel Base	65.7 in (167 cm)
Front Wheel Track	35.5 in (90 cm)
Rear Wheel Track	38.0 in (97 cm)
Gnd Clearance @ Differential	3.3 in (8 cm)

Performance

Seating Capacity	2 Person
Dry Weight	697 lb (316 kg)
Curb Weight	747 lb (339 kg)
Vehicle load capacity	800 lb (360 kg)
Outside Clearance Circle	19.0 ft (5.8 m)
Intersecting Aisle Clearance	N/A
Speed (Level Ground)	19 mph ± 0.5 mph (31 kph ± 0.8 kph)
Towing Capacity	3 E-Z-GO Golf Cars with approved tow bars

Vehicle Power

Power Source	4 Cycle 24.5 cu in (401 cc)
Valve Train	Single Cylinder OHV
Horsepower (kW)	13 hp (9.7 kW) Exceeds SAE J1940 Std.
Electrical System	Starter/Generator. Solid State Regulator
Batteries (Qty, Type)	One, 12 Volt Maintenance Free
Key or Pedal Start	Pedal
Air Cleaner	Industrial Rated Dry Filter with Remote Intake
Lubrication	Pressurized Oil System
Oil Filter	Spin On
Cooling System	Air Cooled
Fuel Capacity	6.2 Gallon (23.5 L) tank
Drive Train	Continuously variable transmission (CVT)
Transaxle	Differential with helical gears
Gear Selection	Forward - Reverse
Rear Axle Ratio	11.42:1 (Forward) 15.78:1 (Reverse)

Steering & Suspension

Steering	Double Ended Rack & Pinion
Front Suspension	Independent A-Arm Coil Over Shock
Rear Suspension	Mono-Leaf Springs With Hydraulic Shocks
Service Brake	Rear Wheel Mechanical Self-Adjusting Drums
Parking Brake	Self-compensating, single point engagement
Front Tires	Links 18 x 8.50 - 8 (4 Ply Rated)
Rear Tires	Links 18 x 8.50 - 8 (4 Ply Rated)

Body & Chassis

Frame	Welded Steel. DuraShield™ powder coat
Body & Finish	Injection molded TPO
Standard Color	Forest Green

Some items shown may be optional equipment



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OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)*

Item	Std	Opt	Fld	Item	Std	Opt	Fld
TIRES & WHEELS:				ELECTRICAL:			
Front & Rear:				Miscellaneous:			
Links 18 x 8.50 - 8 (4 Ply Rated)	•			Brake Lights	•		
T Shot, 18 x 8.50 - 8 (4 Ply Rated)		•		Headlights	•		
Tour Max 18 x 8.50 - 10 on Alloy Wheels		•		Horn	•		
USA Trail 18 x 8.50 - 8 (6 Ply Rated)				Hourmeter		•	
Wheel Covers:				Taillights	•		
Spoke, Metallic Gold		•		Turn Signals		•	
COLORS:				WEATHER PROTECTION:			
Body Color - Forest Green	•			Bag Cover - Stone Beige			•
Body Color - Black		•		Bag Cover - Oyster			•
Body Color - Flame Red		•		Sun Canopy (Top) Oyster			•
Body Color - Ivory		•		Sun Canopy (Top) Stone Beige			•
Body Color - Burgundy		•		Windshield Fold Down (Requires Sun Canopy)			•
Body Color - Patriot Blue		•					
Body Color - Steel Blue		•					
Body Color - Inferno Red		•					
Body Color - Platinum		•					
Body Color - Electric Blue		•					
Body Color - Bright White		•					
Body Color - Almond		•					
Body Color - Custom		•					
Pin Stripes:							
Gold		•					
Seating:							
Seat Color - Stone Beige	•						
Seat Color - Oyster		•					
OTHER PERFORMANCE:							
Ash Tray		•					
Club & Ball Washer, Driver Side			•				
Club & Ball Washer, Passenger Side			•				
Cooler & Bracket, Driver Side		•					
Cooler & Bracket, Passenger Side		•					
Sand Bottle			•				
Sand Bucket, Driver Side		•					
Sand Bucket, Passenger Side		•					
Glove Box Doors, Driver & Passenger		•					
Insert, No Sun Canopy		•					
Message Holder			•				
Sand Rake			•				
SoftSwipe Cleaner		•					
Side Basket, Driver Side		•					
Side Basket, Passenger Side		•					
Mirror, 5 Panel Rear View			•				
Tow Bar (Temporary)			•				
Fender Scuff Guard	•						