



A Textron Company

**MODEL: RXV FREEDOM™**  
**TYPE: ELECTRIC PERSONAL GOLF CAR**  
**MODEL YEAR: 2014**  
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 (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

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	4.5 in (11 cm)

#### Vehicle Power

Power Source	48 Volts DC
Motor Type	48 Volt AC
Horsepower (kW)	4.4 hp (3.3 kW) Continuous
Electrical System	48 Volt
Batteries (Qty, Type)	Four, 12 Volt Deep Cycle
Key or Pedal Start	Pedal
Speed Controller	235 Amp AC Controller
Drive Train	Motor Shaft Direct Drive
Transaxle	Limited Slip Differential
Gear Selection	Dash Mounted Forward-Neutral-Reverse
Rear Axle Ratio	16.99:1
Battery Charger	48 VDC PowerWise™ QE High Frequency UL/CSA

#### Performance

Seating Capacity	2 Person
Dry Weight	635 lb (290 kg) (Without Batteries)
Curb Weight	935 lb (425 kg)
Vehicle load capacity	800 lb (360 kg)
Outside Clearance Circle	19.2 ft (5.8 m)
Intersecting Aisle Clearance	N/A
Speed (Level Ground)	17.5 - 19.5 mph (28 - 31 kph)
Towing Capacity	3 E-Z-GO Golf Cars with approved tow bars

#### 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	Induction Motor
Parking Brake	Automatic Electro-Magnetic
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	Forest Green

*Some items shown may be optional equipment*



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

Item	Std	Opt	Fld
<b>TIRES &amp; WHEELS:</b>			
<b>Front &amp; Rear:</b>			
Hole-in-One 18 x 8.50 - 8 (4 Ply Rated)	X		
T Shot, 18 x 8.50 - 8 (4 Ply Rated)		X	
Tour Max 18 x 8.50 - 10 on Alloy Wheels		X	
USA Trail 18 x 8.50 - 8 (6 Ply Rated)		X	

<b>Wheel Covers:</b>			
Spoke, Platinum		X	

<b>COLORS:</b>			
Body Color - Forest Green	X		
Body Color - Black		X	
Body Color - Flame Red		X	
Body Color - Ivory		X	
Body Color - Burgundy		X	
Body Color - Patriot Blue		X	
Body Color - Steel Blue		X	
Body Color - Inferno Red		X	
Body Color - Platinum		X	
Body Color - Electric Blue		X	
Body Color - Bright White		X	
Body Color - Almond		X	
Body Color - Custom		X	

<b>Pin Stripes:</b>			
Pewter		X	

<b>Seating</b>			
Seat Color (Stone Beige)	X		
Seat Color (Oyster)		X	
Seat Color (Custom)		X	

<b>WEATHER PROTECTION:</b>			
Bag Cover (Tan)			X
Bag Cover (Oyster)			X
Sun Canopy (Top) Oyster			X
Sun Canopy (Top) Tan			X
Windshield Flat (Requires Sun Canopy)			X

Item	Std	Opt	Fld
<b>ELECTRICAL:</b>			
Headlights	X		
Horn	X		
Taillights	X		
Turn Signals		X	
CE Kit			X
Hand Held Diagnostic Unit			X

<b>Batteries</b>			
Std 12V Batteries (US-VX)	X		
US VX Batteries with Flowrite		X	

<b>Battery Chargers:</b>			
Battery Charger 48 V 10 ft (3.0 m) DC Cord	X		
Battery Charger 48 V 18 ft (5.5 m) DC Cord		X	
World Charger 48 V 3.0m (10.0 ft) Cord		X	
World Charger 48 V 5.5m (18.0 ft) Cord		X	

<b>OTHER PERFORMANCE:</b>			
Fender Scuff Guard	X		
Ash Tray		X	
Battery Fill System		X	
Cooler & Bracket, Driver Side		X	
Cooler & Bracket, Passenger Side		X	
Cooler Jug (Cube) & Bracket		X	
Sand Bucket, Driver Side		X	
Sand Bucket, Passenger Side		X	
Glove Box Doors, Driver & Passenger		X	
Insert, No Sun Canopy		X	
SoftSwipe Cleaner		X	
Side Basket, Driver Side		X	
Side Basket, Passenger Side		X	
Battery Fill System Nozzle (Gun)			X
Club & Ball Washer, Driver Side			X
Club & Ball Washer, Passenger Side			X
Divot Repair			X
Message Holder			X
Sand Bottle			X
Sand Rake			X
Tow Bar (Temporary)			X