

A Textron Company

MODEL: RXV FREEDOM™ TYPE: ELECTRIC PERSONAL GOLF CAR MODEL YEAR: 2011

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	Hole-in-One 18 x 8.50 - 8 (4 Ply Rated)	
Speed Controller	235 Amp AC Controller	Rear Tires	Hole-in-One 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™ QE High Frequency UL/CSA			

Some items shown may be optional equipment



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OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)*

tem	Std	Opt Fld	Item	Std	Opt I
IRES & WHEELS:			Divot Repair		
ront & Rear:			Sand Bottle		
Hole-in-One 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		
Vheel 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		\bullet
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	•	
THER PERFORMANCE:			Battery Charger 48 V 18 ft (5.5 m) DC Cord		\bullet
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		\bullet
Battery Fill System		•	Headlights	•	
Club & Ball Washer, Driver Side		•	Heavy Duty Batteries Batteries (T-1275)		\bullet
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		•			