



A Textron Company

MODEL: SHUTTLE™ 2+2 RXV
TYPE: ELECTRIC PERSONNEL CARRIER
MODEL YEAR: 2014
Part No.: 606604



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 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	105.5 in (268 cm)
Overall Width	47.0 in (119 cm)
Overall Height (No Canopy)	45.7 in (116 cm)
Overall Height (With Canopy)	74.0 in (188 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
Battery Charger	48 VDC w/10 ft (3 m) DC Cord
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

Performance

Seating Capacity	4 Person
Dry Weight	645 lb (295 kg) (Without Batteries)
Curb Weight	1000 lb (455 kg)
Vehicle load capacity	720 lb (325 kg)
Outside Clearance Circle	19.2 ft (5.8 m)
Intersecting Aisle Clearance	N/A
Speed (Level Ground)	8-15 mph (13 - 24 kph) Programmable
Towing Capacity	N/A

Steering & Suspension

Steering	Double Ended Rack & Pinion
Front Suspension	Independent A-Arm Coil Over Shock
Rear Suspension	Mono-Leaf Spring 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 with 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
TIRES & WHEELS:			
Front:			
Hole-in-One 18 x 8.50 - 8 (4 Ply Rated)	X		
T Shot, 18 x 8.50 - 8 (4 Ply Rated)		X	
Rear:			
Hole-in-One 18 x 8.50 - 8 (4 Ply Rated)	X		
T Shot, 18 x 8.50 - 8 (4 Ply Rated)		X	
USA Trail 18 x 8.50 - 8 (Load Range C)		X	

Wheel Covers:

Spoke, Platinum		X	
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COLORS:

Body Color - Forest Green	X		
Body Color - Ivory		X	
Body Color - Patriot Blue		X	
Body Color - Black		X	
Body Color - Burgundy		X	
Body Color - Bright White		X	
Body Color - Flame Red		X	
Body Color - Steel Blue		X	
Body Color - Platinum		X	
Body Color - Almond		X	
Body Color - Electric Blue		X	
Body Color - Inferno Red		X	
Body Color - Custom		X	

Pin Stripes:

Pewter		X	
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Seating

Seat Color - Stone Beige	X		
Seat Color - Oyster		X	

OTHER PERFORMANCE:

360° Energy Transfer Bumpers	X		
Ash Tray		X	
Glove Box Doors, Driver & Passenger		X	
2 Bag Carrier			X
Battery Fill System Nozzle (Gun)			X
Message Holder			X
Mirror, 5 Panel Rear View			X

Item	Std	Opt	Fld
ELECTRICAL:			
Battery Chargers:			
48 VDC 10 ft (3.0 m) DC Cord	X		
48 VDC 18 ft (5.5 m) DC Cord		X	
World Charger 48 VDC 18 ft (5.5 m) DC Cord		X	
World Charger 48 VDC 10 ft (3.0 m) DC Cord		X	
Batteries:			
US 12VRX Batteries	X		
Battery Fill System		X	

Miscellaneous:

Headlights & Taillights	X		
Horn	X		
State of Charge Meter	X		
Turn Signals with 4 Way Flashers		X	
CE Kit		X	
Hand Held Diagnostic Unit			X

WEATHER PROTECTION:

Sun Canopy (Top) Stone Beige 80 in (203 cm)			X
Sun Canopy (Top) Oyster 80 in (203 cm)			X
Windshield Fold Down (Requires Sun Canopy)			X