



A Textron Company

MODEL: ST SPORT 2+2

**TYPE: ELECTRIC POWERED PRECISION DRIVE SYSTEM,
CONVERTIBLE CARRIER**

MODEL YEAR: 2009

Part No.: 606258



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

Precision Drive System™ (PDS): Programmable to terrain

- Solid State continuously variable separately excited speed controller
- Dash mounted direction selector switch (Forward-Neutral-Reverse)
- Anti-roll back, walkaway braking and alarm
- Regenerative 'Pedal Down' and/or 'Pedal Up' braking
- Six, 6 Volt Deep Cycle Batteries
- Full torque, reduced speed reverse
- Inductive throttle sensor
- Audible diagnostic mode

Battery Charger: PowerWise™ 36QE high frequency, fully line compensating. 10 ft (3 m) DC Cord. Underwriters Lab. (U.L.) Listed, (C.S.A. Certified)

- **Input:** 110 – 120 Volt, 50/60 Hz, 8 amp
- **Output:** 36 Volt at 16 amps DC

Motor: 36 Volt DC shunt wound, brazed armature, solid copper windings

Drive Train: Direct motor shaft connected to transaxle pinion shaft

Electrical System: 36 Volt DC, six, 6 volt deep cycle batteries (115 minute minimum, 225 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

Capacity: Seating for 4 persons. Rear Seat converts to Cargo Bed

PRODUCT OVERVIEW

Dimensions

Overall Length	107.0 in (272 cm)
Overall Width	46.5 in (119 cm)
Overall Height (No Canopy)	49.0 in (124 cm) (Top of steering wheel)
Overall Height (With Canopy)	80.0 in (203 cm) (Top of Sun Canopy)
Wheel Base	65.5 in (166 cm)
Front Wheel Track	38.0 in (98 cm)
Rear Wheel Track	38.5 in (97 cm)
Gnd Clearance @ Differential	6.0 in (15 cm)
Load Bed Width	40.0 in (102 cm)
Load Bed Length	32.0 in (81 cm)

Vehicle Power

Power Source	36 Volts DC
Motor Type	Shunt Wound
Horsepower (kW)	N/A
Electrical System	36 Volt
Batteries (Qty, Type)	Six, 6 Volt Deep Cycle
Key or Pedal Start	Pedal Start
Battery Charger	36 V PowerWise QE, 120 VAC, UL & CSA
Speed Controller	300 Amp Precision Drive System
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	4 Person
Dry Weight	550 lb (250 kg) (Without Batteries)
Curb Weight	915 lb (415 kg) Trojan T-105
Vehicle load capacity	800 lb (360 kg)
Outside Clearance Circle	19 ft (5.8 m)
Intersecting Aisle Clearance	N/A
Speed (Level Ground)	13 mph ± 0.5 mph (21 kph ± 0.8 kph)
Towing Capacity	N/A

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	Trail Wolf 20 x 11 - 10 Uni-directional
Rear Tires	Trail Wolf 20 x 11 - 10 Uni-directional

Body & Chassis

Frame	Welded steel with DuraShield™ powder coat
Front Body & Finish	Injection Molded Gelyo XTW
Rear 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:							
Front & Rear:							
Trail Wolf 20 x 11 - 10 (4 Ply Rated) Uni-directional	●			Fixed Rear Facing Seat	●		
Pathfinder 22 x 11 - 10 with Polished Spoke Wheels		●		Rear View Mirror (Sun Canopy Required)			●
Turf Saver 20 x 10 - 10 (Load Range B)		●		Top Cap (Advantage Camo)			●
COLORS:							
Body Color (Forest Green)	●			Top Cap (HDT Camo)			●
Body Color (Ivory)		●		ELECTRICAL:			
Body Color (Yellow)		●		Battery Chargers:			
Body Color (Orange)		●		36 V PowerWise QE, 120 VAC, UL/CSA 10 ft (3 m) DC Cord	●		
Body Color (Bright White)		●		36 V PowerWise QE, 120 VAC, UL/CSA 18 ft (5 m)	●		
Body Color (Flame Red)		●		Miscellaneous:			
Body Color (Black)		●		Batteries T145		●	
Body Color (Electric Blue)		●		Batteries T125		●	
Body Color (Platinum)		●		Brake Lights		●	
Body Color (Inferno Red)		●		Defroster/Fan		●	
Body Color (Metallic Charcoal)		●		Headlights	●		
Body Color (Patriot Blue)		●		Turn Signals with 4-Way Flashers		●	
Body Color (Steel Blue)		●		Hour Meter		●	
Custom Body Color		●		Horn	●		
Pin Stripes:							
Gold		●		State of Charge Meter	●		
Dark Green		●		Unique Individually Key Switch		●	
White		●		Unique Common Key Switch		●	
Black		●		WEATHER PROTECTION:			
Red		●		Sun Canopy (Top) Tan			●
Burgundy		●		Sun Canopy (Top)Brown			●
Non Standard Color		●		Weather Enclosure, (3 Side, Top & Windshield Required)			●
Seating:							
Seat Color (Tan)	●			Weather Enclosure, Adv Camo (3 Side, Top & Windshld Reqd)			●
Seat Color (White)		●		Weather Enclosure, HDT Camo (3 Side, Top & Windshld Reqd)			●
Seat Color (Oyster)		●		Windshield Flat			●
Seat Color (Gray)		●		Windshield Fold Down			●
Seat Color (Black)		●					
Seat Color (Brown)		●					
Custom Seat Color		●					
OTHER PERFORMANCE:							
Ash Tray		●					
Front Basket Kit			●				
Front Bumper/Brush Guard	●						
Glove Box Door (Locking) Driver Side		●					
Glove Box Door (Locking) Passenger Side		●					
Gun Holder, Floor Mount			●				
Gun Holder, Swivel			●				
Message Holder (1 Piece, Sun Canopy Required)			●				
Message Holder (Sun Canopy Required)			●				