



A Textron Company

MODEL: ST SPORT II 48V
TYPE: ELECTRIC POWERED TRUCK
MODEL YEAR: 2011
Part No.: 615389



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

TruCourse Technology: Programmable to multiple vehicle terrains, with expanded regenerative braking function, and vehicle charger lockout

- Solid State continuously variable seperately excited speed controller
- Dash mounted direction selector switch (Forward-Neutral-Reverse)
- Anti-roll back, walkaway braking and alarm
- Programmable regenerative braking, acceleration and speed
- Six, 8 Volt Deep Cycle Batteries
- Full torque, reduced speed reverse
- Inductive throttle sensor
- Handheld vehicle diagnostics and rounds tracking

Battery Charger: PowerWise 48QE high frequency, fully line compensating. 10ft (3m) DC Cord. Underwriters Lab. (U.L.) Listed, (C.S.A. Certified)

- Input: 120 Volts AC, 50/60Hz, 8 amps
- Output: 48 Volts DC at 13 amps

Motor: 48 Volt DC shunt wound, brazed armature, solid copper windings

Drive Train: Direct motor shaft connected to transaxle pinion shaft

Electrical System: 48 Volt DC, six, 8 volt deep cycle batteries (117 minute minimum, 170 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

Cargo Bed: Roto-molded cross-linked polyethelene. Lifts for access to powertrain. Removable hinged multi-position tailgate requires no latch mechanism

PRODUCT OVERVIEW

Dimensions

Overall Length	105.3 in (267 cm)
Overall Width	48.5 in (123 cm)
Overall Height (No Canopy)	49.0 in (126 cm) (Top of steering wheel)
Overall Height (With Canopy)	71.6 in (182 cm)
Wheel Base	65.5 in (166 cm)
Front Wheel Track	37.0 in (94 cm)
Rear Wheel Track	38.0 in (97 cm)
Gnd Clearance @ Differential	5.5 in (14 cm)
Cargo Box Width (inside)	44.5 in (113 cm)
Cargo Box Length (inside)	30.5 in (77 cm)
Cargo Box Depth (inside)	7.5 in (19 cm)
Cargo Box Capacity	5.9 cu ft (0.17 m3)
Cargo Box Material	Roto-molded polyethylene

Vehicle Power

Power Source	48 Volts DC
Motor Type	Shunt Wound
Horsepower (kW)	3.0 HP (2.2kW) Continuous
Electrical System	48 Volt
Batteries (Qty, Type)	Six, 8 Volt Deep Cycle
Key or Pedal Start	Pedal Start
Battery Charger	48 VDC PowerWise™ QE, 120 VAC, UL/CSA
Speed Controller	250 Amp Solid State Controller
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	2 Person
Dry Weight	675 lb (310 kg) (Without Batteries)
Curb Weight	1040 lb (64 kg)
Bed Load Capacity	500 lb (230 kg)
Vehicle load capacity	800 lb (360 kg)
Outside Clearance Circle	18.9 ft (5.76 m)
Intersecting Aisle Clrnce	N/A
Speed (Level Ground)	16.9 mph ± 0.5 mph (27,2 kph ± 0.8 kph)
Towing Capacity	500 lb (227 kg) max load

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 (4 Ply Rated) Uni-directional
Rear Tires	Trail Wolf 20 x 11 - 10 (4 Ply Rated) Uni-directional

Body & Chassis

Frame	Welded steel with DuraShield™ powder coat
Front Body & Finish	Injection molded TPO
Rear Body & Finish	Steel. Base coat/clear coat
Standard Color	Black

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
COLORS:				Battery Options			
Body Color - Forest Green		●		Heavy Duty Battery Option - T890		●	
Body Color - Ivory		●		Battery Fill System - T875		●	
Body Color - Orange		●		Battery Fill System Nozzle, 20' Hose		●	
Body Color - Cloud Grey		●					
Body Color - Patriot Blue		●					
Body Color - Inferno Red		●					
Body Color - Steel Blue		●					
Body Color - Metallic Charcoal		●					
Body Color - Yellow		●					
Body Color - Bright White		●					
Body Color - Flame Red		●					
Body Color - Black	●						
Body Color - Electric Blue		●					
Body Color - Platinum		●					
Custom Body Color		●					
Seating:							
Seat Color - Tan	●						
Seat Color - White		●					
Seat Color - Black		●					
Seat Color - Gray		●					
Seat Color - Brown		●					
OTHER PERFORMANCE:							
2 in (5 cm) Receiver (Rear)	●						
3 Bar Front Bumper/Brush Guard	●						
Front Bumper Delete		●					
Clays Car Field Kit		●					
WEATHER PROTECTION:							
Sun Canopy (Top) Tan			●				
Sun Canopy (Top) Champagne			●				
Windshield Flat			●				
Windshield Fold Down			●				
ELECTRICAL:							
Headlights	●						
Tail lights		●					
Trun Signals with 4-way Flashers		●					
Handheld Programming Unit		●					
Battery Chargers:							
Powerwise QE 48V 10 ft (3.0 m) DC Cord	●						
Powerwise QE 48V 18 ft (5.5 m) DC Cord		●					
World Charger QE 48V 10 ft (3.0 m) DC Cord		●					
World Charger QE 48V 18 ft (5.5 m) DC Cord		●					