



A Textron Company

MODEL: MPT 800 48V
TYPE: ELECTRIC 48V POWERED TRUCK
MODEL YEAR: 2011
Part No.: 614972



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

TrueCourse Technology: Programmable to any golf course terrain, with expanded regenerative braking function, and vehicle charger lockout

- Solid State continuously variable separately 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 polyethylene. 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)	48.6 in (123 cm) (Top of steering wheel)
Overall Height (With Canopy)	68.0 in (173 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	4.3 in (11 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 m ³)
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 (470 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 Clearanc	N/A
Speed (Level Ground)	10.2-14.8 mph (16.4-23.8 kph)
Towing Capacity	500 lb (230 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	Links 18 x 8.50 - 8 (4 Ply Rated)
Rear Tires	Turf Saver 18 x 8.50 - 8 (Load Range B)

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	Hunter Green



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OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)*

Item	Std	Opt	Fld
TIRES & WHEELS:			
Front:			
Links 18 x 8.50 - 8 (4 Ply Rated)	●		
USA Trail 18 x 8.50 - 8 (Load Range C)		●	
Turf Saver 18 x 8.50 - 8 (Load Range B)		●	
Rear:			
Turf Saver 18 x 8.50 - 8 (Load Range B)	●		
USA Trail 18 x 8.50 - 8 (Load Range C)		●	
Links 18 x 8.50 - 8 (4 Ply Rated)		●	
Wheel Covers:			
Spoke, Black & Gold		●	
Spoke, Black & Silver		●	
COLORS:			
Body Color - Hunter Green	●		
Body Color - Ivory		●	
Body Color - Bright White		●	
Body Color - Yellow		●	
Body Color - Orange		●	
Seating:			
Seat Color - Tan	●		
Seat Color - Oyster		●	
Seat Color - White		●	
Custom Seat Color		●	
OTHER PERFORMANCE:			
Ash Tray		●	●
Differential Guard		●	
Front Bumper & Guard - Black		●	
Front Hydraulic Disc Brakes		●	
Glove Box Door (Locking) Driver Side		●	
Glove Box Door (Locking) Passenger Side		●	
Rear View Mirror (Sun Canopy Required)		●	
VPS vehicle Performance System		●	
ELECTRICAL:			
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		●	
Battery Options			
Heavy Duty Battery Option - T890		●	
Battery Fill System - T875		●	
Battery Fill System Nozzle, 20' Hose		●	
Lighting Package:			
Headlights	●		
Headlights & Taillights		●	
Turn Signals with 4-Way Flashers		●	

Item	Std	Opt	Fld
Miscellaneous:			
DC Converter	●		
Horn	●		
Hour Meter		●	
State of Charge Meter	●		
Unique Individual Key Switch		●	
HAULING & TOWING:			
1 7/8 in (48 mm) Ball (Rcvr Req'd)		●	
1 7/8 in (48 mm) Ball, Drop (Rcvr Req'd)		●	
2 in (5 cm) Receiver (Rear)		●	
Angle (Rcvr Req'd)		●	
Angle, Drop (Rcvr Req'd)		●	
Clevis (Rcvr Req'd)		●	
Clevis, Drop (Rcvr Req'd)		●	
Gas Spring Assisted Load Bed		●	
Power Dump (Electric)		●	
Trailer, Dump (Poly Bed)			●
Trailer, Dump (Steel Bed)			●
WEATHER PROTECTION:			
Brush Guard Cage for Windshield & Top			●
Sun Canopy (Top) Champagne			●
Sun Canopy (Top) Tan			●
Sun Canopy (Top) Tan (Brush Guard Cage Required)			●
Weather Enclosure, Tan (3 Side, Top & Windshield Req'd)			●
Weather Enclosure, White (3 Side, Top & Windshield Req'd)			●
Windshield (Brush Guard Cage Required)			●
Windshield Flat			●
Windshield Flat Lexan®			●
Windshield Fold Down			●
Windshield Fold Down Lexan®			●
VEHICLE CAB:			
Steel Cab (Tan):			●
Steel Cab (White):			●
Steel Cab (Non Standard Color):			●
Beacon, Amber (Cab Required)			●
Defroster/Fan (Cab Required)			●
Dome Light (Cab Required)			●
Doors (Steel) Tan (Cab Required)			●
Doors (Steel) White (Cab Required)			●
Doors (Steel) Non Standard Color (Cab Required)			●
Doors (Vinyl) Tan (Cab Required)			●
Rear View Mirror (Cab Required)			●
Strobe Light (Cab Required)			●
Switch Panel (Cab Required)			●
Windshield Wiper (Cab Required)			●
Work Light (Cab Required)			●