



A Textron Company

MODEL: CLAYS CAR
TYPE: ELECTRIC POWERED PERSONNEL CARRIER
MODEL YEAR: 2009
Part No.: 606257



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		Performance	
Overall Length	107.0 in (272 cm)	Seating Capacity	4 Person
Overall Width	46.5 in (119 cm)	Dry Weight	640 lb (290 kg) (Without Batteries)
Overall Height (No Canopy)	46.5 in (118 cm) (Top of steering wheel)	Curb Weight	1006 lb (456 kg) Trojan T-105
Overall Height (With Canopy)	80.0 in (203 cm) (Top of Sun Canopy)	Vehicle load capacity	800 lb (360 kg)
Wheel Base	65.5 in (166 cm)	Outside Clearance Circle	20.3 ft (7.1 m)
Front Wheel Track	38 in (97 cm)	Intersecting Aisle Clearance	N/A
Rear Wheel Track	38.5 in (98 cm)	Speed (Level Ground)	18 mph ± 0.5 mph (29 kph ± 0.8 kph)
Gnd Clearance (at Differential)	6.0 in (15 cm)	Towing Capacity	N/A
Load Bed Width	40.0 in (102 cm)	Steering & Suspension	
Load Bed Length	32.0 in (81 cm)	Steering	Self-compensating rack and pinion
Vehicle Power		Front Suspension	Leaf springs with hydraulic shock absorbers
Power Source	36 Volts DC	Rear Suspension	Leaf springs with hydraulic shock absorbers
Motor Type	Shunt Wound	Service Brake	Rear wheel mechanical self-adjusting drum
Horsepower (kW)	N/A	Parking Brake	Self-compensating, single point engagement
Electrical System	36 Volt	Front Tires	Turf Saver 20 x 10 - 10 (Load Range B)
Batteries (Qty, Type)	Six, 6 Volt Deep Cycle	Rear Tires	Turf Saver 20 x 10 - 10 (Load Range B)
Key or Pedal Start	Pedal Start	Body & Chassis	
Battery Charger	36 V PowerWise QE, 120 VAC, UL & CSA	Frame	Welded steel with DuraShield™ powder coat
Speed Controller	300 Amp Precision Drive System	Front Body & Finish	Injection Molded Geloy XTW
Drive Train	Motor Shaft Direct Drive	Rear Body & Finish	Injection molded TPO
Transaxle	Differential with helical gears	Standard Color	Steel Blue
Gear Selection	Forward-Reverse		
Rear Axle Ratio	12.44:1		

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:							
Turf Saver 20 x 10 - 10 (Load Range B)	●			Message Holder (Sun Canopy Required)			●
Pathfinder 22 x 11 - 10 with Polished Spoke Wheels		●		Rear View Mirror (Sun Canopy Required)			●
Trail Wolf 20 x 11 - 10 (4 Ply Rated) Uni-directional		●		Side Baskets (2)			●
COLORS:							
Body Color (Forest Green)		●		Top Cap (Adv Camo) Use with 58 in (147 cm) Sun Canopy			●
Body Color (Ivory)		●		Top Cap (HD Camo) Use with 58 in (147 cm) Sun Canopy			●
Body Color (Orange)		●		ELECTRICAL:			
Body Color (Cloud Grey)		●		Battery Chargers:			
Body Color (Patriot Blue)		●		36 Volt PWISE QE, 120 VAC, UL/CSA 10 ft (3 m) DC Cord	●		
Body Color (Inferno Red)		●		36 Volt PWISE QE, 120 VAC, UL/CSA 18 ft (5 m) DC Cord		●	
Body Color (Steel Blue)	●			Battery Charger Delete		●	
Body Color (Metallic Charcoal)		●		Lighting:			
Body Color (Yellow)		●		Brake Lights		●	
Body Color (Bright White)		●		Headlights	●		
Body Color (Flame Red)		●		Horn	●		
Body Color (Black)		●		Hour Meter		●	
Body Color (Electric Blue)		●		State of Charge Meter	●		
Body Color (Platinum)		●		Turn Signals with 4-Way Flashers		●	
Custom Body Color		●		Miscellaneous:			
Pin Stripes:							
Gold		●		Batteries T125		●	
Dark Green		●		Batteries T145		●	
White		●		DC Converter		●	
Black		●		Standard Key Switch	●		
Red		●		Unique Group Key Switch		●	
Burgundy		●		Unique Individual Key Switch		●	
Seating:				WEATHER PROTECTION:			
Seat Color (Gray)	●			Sun Canopy (Top) 58 in (147 cm) Brown			●
Seat Color (Tan)		●		Sun Canopy (Top) 58 in (147 cm) Tan			●
Seat Color (White)		●		Sun Canopy (Top) 80 in (203 cm) Tan (Personnel Carrier)			●
Seat Color (Oyster)		●		Sun Canopy (Top) 80 in (203 cm) White (Personnel Carrier)			●
Seat Color (Black)		●		Weather Enclosure (3 Side, 58 in (147 cm) Top/Windshld Reqd)			●
Seat Color (Brown)		●		Weather Enclosure (3 Side, 80 in (203 cm) Top/Windshld Reqd)			●
OTHER PERFORMANCE:							
Ash Tray		●		Weather Enclosure Adv Camo (3 Side, 58 in (147 cm) Top/Windshld Reqd)			●
Convertible Carrier	●			Weather Enclosure Adv Camo (3 Side, 80 in (203 cm) Top/Windshld Reqd)			●
Defroster/Fan		●		Weather Enclosure High Def Camo (3 Side, 58 in (147 cm) Top/Windshld Reqd)			●
Front Basket Kit	●			Weather Enclosure High Def Camo (3 Sided, 80 in (203 cm) Top/Windshld Reqd)			●
Front Bumper/Brush Guard	●			Windshield Flat (Clear)			●
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)			●				