

**MODEL: TITAN (4 PASSENGER)**  
**TYPE: 36 VOLT ELECTRIC POWERED PERSONNEL CARRIER**  
**MODEL YEAR: 2009**  
**Part No.: 600412**



**PRODUCT SPECIFICATION**

**CONFIGURATION HIGHLIGHTS**

**Battery Charger:** On-board, fully line compensating. Underwriters Laboratories. (U.L.) Listed, (C.S.A. Certified)  
 ● Input: 110 – 120 Volt, 60 Hz, 10.5 amp ● Output: 36 Volt at 21 amps. DC

**Motor:** 36 Volt DC series wound, brazed armature, solid copper windings. Vented 8 hp (6 kW) @ 1600 rpm

**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) in swing out battery trays

**Transaxle:** Differential with helical gears

**Brakes:** Dual rear wheel hydraulic 7 in (18 cm) self-adjusting drum brakes. Front hydraulic brakes optional. Mechanical hand operated park brake

**Carco Bed:** Rear seat lowered, plywood 75 in x 41 in (191 x 105 cm). Lifts for access to powertrain.

**Capacity:** Seating for 4 persons with rear seat raised

**PRODUCT OVERVIEW**

Dimensions		Performance	
Overall Length	114.0 in (290 cm)	Capacity	4 Persons (Rear seat up). 2 Persons (Seat down)
Overall Width	44.5 in (113 cm)	Dry Weight	1040.0 lb (475 kg) (Without Batteries)
Overall Height (Steering Wheel)	46.0 in (117 cm)	Curb Weight	1410.0 lb (640 kg)
Overall Height (Optional Cab)	72.0 in (183 cm)	Cargo Deck Load Capacity	2500 lb (1135 kg)
Wheel Base	66.0 in (168 cm)	Vehicle load capacity	3000 lb (1360 kg)
Front Wheel Track	36.8 in (93 cm)	Outside Clearance Circle	22.0 ft (6.7 m)
Rear Wheel Track	36.3 in (92 cm)	Intersecting Aisle Clearance	84.0 in (213 cm)
Gnd Clearance @ Differential	4.75 in (12 cm)	Speed (Level Ground)	13 mph ± 0.5 mph (21 kph ± 0.8 kph)
Cargo Deck Width	41.5 in (105 cm)	Steering & Suspension	
Cargo Deck Length (rear seat down)	75.0 in (191 cm)	Steering	Worm Gear
Cargo Deck Length (rear seat up)	36.0 in (91 cm)	Front Suspension	Independent, Transverse Leaf Spring, Shocks
Cargo Deck Load Height	29.0 in (74 cm)	Rear Suspension	Leaf Springs & Shock Absorbers
Cargo Deck Material	Heavy Duty Plywood	Service Brake	Rear Wheel Hydraulic Drum. Front Optional
Vehicle Power		Parking Brake	Hand Operated Mechanical
Power Source	36 Volts DC	Front Tire	5.70 x 8 (Load Range C)
Motor Type	Series Wound	Rear Tires	5.70 x 8 (Load Range C)
Horsepower (kW)	8.0 hp (6 kW) @ 1600 rpm	Body & Chassis	
Electrical System	36 Volt	Frame & Body	Welded steel with DuraShield™ powder coat
Batteries (Qty, Type)	Six, 6 Volt Deep Cycle	Body & Finish	Diamond plate ptn. Polyester primer + acrylic
Key or Pedal Start	Pedal Start	Standard Color	Yellow
Battery Charger	36 V On-Board, 120 VAC, UL & CSA		
Speed Controller	Solid State 400 Amp Rated		
Drive Train	Motor Shaft Direct Drive		
Transaxle	Differential with Helical Gears		
Gear Selection	Dash Mounted Forward-Neutral-Reverse		
Rear Axle Ratio	14.76:1		

*Some items shown may be optional equipment*

