



**CUSHMAN**

**MODEL: SHUTTLE™ 4 72V**  
**TYPE: ELECTRIC POWERED PERSONNEL CARRIER**  
**MODEL YEAR: 2019**  
**Part No.: 670653**



**PRODUCT SPECIFICATION**

**CONFIGURATION HIGHLIGHTS**

- Solid State continuously variable separately excited speed controller
- Dash mounted direction selector switch (Forward-Neutral-Reverse)
- Anti-roll back, walkaway braking and alarm
- Anti-stall motor protection
- Regenerative braking
- Six, 12 Volt Deep Cycle
- Full torque, reduced speed reverse
- Inductive throttle sensor
- Diagnostic indicator
- Factory selectable performance options

**Battery Charger:** 72 VDC. H120/230 VAC 50/60 Hz. Underwriters Laboratories (U.L.) Listed, (C.S.A. Certified)  
**Motor:** 72 volt AC shunt wound, brazed armature, solid copper windings. Peak Horsepower 22.4 hp ( 16.7 kW)  
**Drive Train:** Direct motor shaft connected to transaxle pinion shaft  
**Electrical System:** 72 Volt DC, six, 12 volt deep cycle storage batteries  
**Transaxle:** Differential with helical gears  
**Brakes:** Dual rear wheel mechanical self-adjusting drum brakes. Automatic single point park brake release with self-compensating system

**PRODUCT OVERVIEW**

**Dimensions**

Overall Length	133.5 in (339 cm)
Overall Width	46.5 in (119 cm)
Overall Height (No Canopy)	48.6 in (123 cm) (Top of steering wheel)
Overall Height (With Canopy)	72.0 in (183 cm)
Wheel Base	93.5 in (237 cm)
Front Wheel Track	34.2 in (86.7 cm)
Rear Wheel Track	38.0 in (97 cm)
Gnd Clearance @ Differential	4.3 in (11 cm)
Cargo Box Width (inside)	42.5 in (108 cm)
Cargo Box Length (inside)	32.0 in (80 cm)
Cargo Box Depth (inside)	11.5 in (29 cm)
Cargo Box Capacity	9 cu ft (.25 m3)
Cargo Box material	Wood Stake Sides

**Vehicle Power**

Power Source	72 Volts DC
Motor Type	AC Induction
Intermittent Horsepower (kW)	22.4HP (16.7 kW)
Electrical System	72 Volt
Batteries (Qty, Type)	Six, 12 Volt Deep Cycle
Key or Pedal Start	Pedal Start
Battery Charger	72 VDC, 120/230 VAC, UL & CSA
Speed Controller	350 Amp AC
Drive Train	Motor Shaft Direct Drive
Transaxle	Differential with helical gears
Gear Selection	Dash Mounted Forward-Neutral-Reverse
Rear Axle Ratio	17:1

**Performance**

Seating Capacity	4 Person
Dry Weight	926 lb (420 kg) (Without Batteries)
Curb Weight	1418 lb (643 kg)
Bed Load Capacity	400 lb (180 kg)
Vehicle load capacity	1200 lb (540 kg)
Outside Clearance Circle	25.5 ft (7.8 m)
Intersecting Aisle Clearance	N/A
High Speed (Level Grnd)	16.5 mph ± 0.5 mph (26.4 kph ± 0.8 kph)
Low Speed (Level Grnd)	12 mph ± 0.5 mph (19.3 kph ± 0.8 kph)

**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	Hole-N-One 18 x 8.50 - 8 (4 Ply Rated)
Rear Tires	Hole-N-One 18 x 8.50 - 8 (4 Ply Rated)

**Body & Chassis**

Frame	Welded steel. DuraShield™ powder coat
Body & Finish	Injection molded TPO
Seat Pod	Thermoform ABS
Standard Color	Ivory

*Some items shown may be optional equipment*



**OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)\***

Item	Std	Opt	Fld	Item	Std	Opt	Fld
<b>TIRES &amp; WHEELS:</b>				<b>ELECTRICAL:</b>			
<b>Front:</b>				Brake Lights			
Hole-N-One 18x8.5 - 8 (4 Ply)	●			Horn Switch	●		●
USA Trail 18x8.5 - 8 (Load Rance C/6 Ply) (Set of Two)		●		Hour Meter, Hour, SOC, Grn Back Lit	●		
<b>Rear:</b>				Port, USB, Dual, 12V Input			
Hole-N-One 18x8.5 - 8 (4 Ply)	●			Speed Switch, 2 POS (Rabbit/Turtle)	●		
USA Trail 18x8.5 - 8 (Load Rance C/6 Ply) (Set of Two)		●		DC/DC Converter, Isolated, 72V	●		
<b>Wheel Covers:</b>				L.E.D. Headlights			
Silver Metallic (Set of 4)		●		Turn Signals with 4-Way Flashers		●	
Gold Metallic (Set of 4)		●		Unique Group Key Switch		●	
<b>COLORS:</b>				<b>OTHER ENHANCEMENTS:</b>			
Body Color - Ivory	●			Glove Box Door, LH/RH		●	
Body Color - Forest Green		●		Glove Box Door, LH		●	
Body Color - Black		●		Glove Box Door, RH		●	
Body Color - Bright White		●		Poly Cargo Bed		●	
Body Color - Electric Blue		●		<b>BATTERY:</b>			
Body Color - Flame Red		●		T1275 Plus Batteries (12V)	●		
<b>Premium:</b>				T1275 Hydrolink (12V)			
Body Color - Orange		●		Battery Fill Hand Pump		●	●
Body Color - Almond		●		Battery Fill System Nozzle, 20' Hose			●
Body Color - Safety Yellow		●		<b>BATTERY CHARGER:</b>			
Body Color - Platinum		●		Charger, 72V, 1000W, D Plug, Off BD	●		
Body Color - Metallic Charcoal		●		Charger, 72V, 1500W On-Board, High Output		●	
Body Color - Patriot Blue		●		Charger Cord - 5M (16ft) North American (For On-Board)		●	
<b>SEATING:</b>				<b>OTHER ENHANCEMENTS:</b>			
Seat Color 4 (Oyster)	●			Rear View Mirror (Sun Canopy or Cab Required)			●
Seat Color 4 (Tan)		●		Mirror Assy (Sun Canopy or Cab Required)			●
Seat Color 4 (Gray)		●		Kit, Mirror 5 Panel (Sun Canopy or Cab Required)			●
<b>OTHER ENHANCEMENTS:</b>				<b>WEATHER PROTECTION:</b>			
Stake Side Cargo Bed	●			Kit, Split W/Shield Shuttle 4/6			●
Brushguard	●			Windshield Kit, Flat-Clip on CLR			●
Front Hydraulic Disc Brakes		●		Sun Canopy 116" (295 cm) Top (Black)			●
<b>TRANSAXLE:</b>				Sun Canopy 116" (295 cm) Top (Beige)			
Limited Slip Differential		●		Sun Canopy 116" (295 cm) Top (White)			●
				Enclosure, White			●