



CUSHMAN

MODEL: SHUTTLE™ 6 72V
TYPE: ELECTRIC POWERED PERSONNEL CARRIER
MODEL YEAR: 2019
Part No.: 670623G01



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 'Pedal Down' and/or 'Pedal Up' 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 Induction, solid copper windings. Non vented 22.4 hp (16.7 kW) Peak

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. Regenerative braking.

PRODUCT OVERVIEW

Dimensions		Performance	
Overall Length	136.0 in (345 cm)	Seating Capacity	6 Person
Overall Width	48.5 in (123 cm)	Dry Weight	964 lb (437 kg) (Without Batteries)
Overall Height (No Canopy)	48.6 in (123 cm) (Top of steering wheel)	Curb Weight	1456 lb (660 kg)
Overall Height (With Canopy)	72.0 in (183 cm)	Vehicle load capacity	1200 lb (544 kg)
Wheel Base	93.5 in (237 cm)	Outside Clearance Circle	25.5 ft (7.8 m)
Front Wheel Track	34.2 in (86.7 cm)	High Speed (Level Grnd)	16.5 mph ± 0.5 mph (26.4 kph ± 0.8 kph)
Rear Wheel Track	38.0 in (97 cm)	Low Speed (Level Grnd)	12 mph ± 0.5 mph (19.3 kph ± 0.8 kph)
Gnd Clearance @ Differential	4.3 in (11 cm)	Towing Capacity	N/A
Vehicle Power		Steering & Suspension	
Power Source	72 Volts DC	Steering	Self-compensating rack and pinion
Motor Type	AC Induction	Front Suspension	Leaf springs with hydraulic shock absorbers
Intermittent Horsepower (kW)	22.4 hp (16.7 kW) Peak	Rear Suspension	Leaf springs with hydraulic shock absorbers
Electrical System	72 Volt	Service Brake	Rear wheel mechanical self-adjusting drum Regenerative braking
Batteries (Qty, Type)	Six, 12 Volt Deep Cycle	Parking Brake	Self-compensating, single point engagement
Key or Pedal Start	Pedal Start	Front Tires	Hole-N-One 18 x 8.50 - 8 (4 Ply Rated)
Battery Charger	72 VDC, 120/230 VAC, UL & CSA	Rear Tires	Hole-N-One 18 x 8.50 - 8 (4 Ply Rated)
Speed Controller	350 Amp AC	Body & Chassis	
Drive Train	Motor Shaft Direct Drive	Frame	Welded steel. DuraShield™ powder coat
Transaxle	Differential with helical gears	Body & Finish	Injection molded TPO
Gear Selection	Dash Mounted Forward-Neutral-Reverse	Seat Pod	Thermoform ABS
Rear Axle Ratio	17:1	Standard Color	Ivory

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:				ELECTRICAL:			
Front:				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	●		
Rear:				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	●		
Wheel Covers:				L.E.D. Headlights			
Silver Metallic (Set of 4)		●		Turn Signals with 4-Way Flashers		●	
Gold Metallic (Set of 4)		●		Unique Group Key Switch		●	
COLORS:				OTHER ENHANCEMENTS:			
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		●		BATTERY:			
Body Color - Electric Blue		●		T1275 Plus Batteries (12V)	●		
Body Color - Flame Red		●		T1275 Hydrolink (12V)		●	
Premium:				Battery Fill Hand Pump			
Body Color - Orange		●		Battery Fill System Nozzle, 20' Hose			●
Body Color - Almond		●		BATTERY CHARGER:			
Body Color - Safety Yellow		●		Charger, 72V, 1000W, D Plug, Off BD	●		
Body Color - Platinum		●		Charger, 72V, 1500W On-Board, High Output		●	
Body Color - Metallic Charcoal		●		Charger Cord - 5M (16ft) North American (For On-Board)		●	
Body Color - Patriot Blue		●		OTHER ENHANCEMENTS:			
SEATING:				Rear View Mirror (Sun Canopy or Cab Required)			
Seat Color 6 Passenger Only (Oyster)		●		Mirror Assy (Sun Canopy or Cab Required)			●
Seat Color 6 Passenger Only (Tan)		●		Kit, Mirror 5 Panel (Sun Canopy or Cab Required)			●
Seat Color 6 Passenger Only (Gray)		●		WEATHER PROTECTION:			
OTHER ENHANCEMENTS:				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)			●
TRANSAXLE:				Sun Canopy 116" (295 cm) Top (Beige)			
Limited Slip Differential		●		Sun Canopy 116" (295 cm) Top (White)			●
				Enclosure, White			●