



CUSHMAN



MODEL: SHUTTLE™ 8 72V
TYPE: ELECTRIC POWERED PERSONNEL CARRIER
MODEL YEAR: 2019
Part No.: 670557G01

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: 4-Wheel Hydraulic Brakes Front Disk, Rear Drum; Regenerative Braking. Automatic single point park brake release with self-compensating system; Floor Mounted Manual Set/Release w/Warning Buzzer

PRODUCT OVERVIEW

Dimensions		Performance	
Overall Length	167.5 in (425 cm)	Seating Capacity	8 Person
Overall Width	49.5 in (126 cm)	Dry Weight	1203 lb (546 kg) (Without Batteries)
Overall Height (No Canopy)	45.5 in (116 cm) (Top of steering wheel)	Curb Weight	1695 lb (769 kg)
Overall Height (With Canopy)	76.0 in (193 cm)	Vehicle load capacity	1600 lb (726 kg)
Wheel Base	123.4 in (313 cm)	Outside Clearance Circle	33 ft (10 m)
Front Wheel Track	36.0 in (91 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	4-Wheel Hydraulic Brakes Front Disk, Rear Drum Regenerative braking
Batteries (Qty, Type)	Six, 12 Volt Deep Cycle	Parking Brake	Self-compensating, single point engagement ; Floor Mounted Manual Set/Release w/Warning Buzzer
Key or Pedal Start	Pedal Start	Front Tires	Kenda 18 x 8.90 - 8 (8 Ply Rated)
Battery Charger	72 VDC 120/230 VAC, UL & CSA	Rear Tires	Kenda 18 x 8.90 - 8 (8 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
		Headlights	Halogen Head lights std
		Brake Lights	Rear Brake lights std

Some items shown may be optional equipment



OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)*

Item	Std	Opt	Fld
COLORS:			
Body Color - Ivory	●		
Body Color - Forest Green		●	
Body Color - Black		●	
Body Color - Bright White		●	
Body Color - Electric Blue		●	
Body Color - Flame Red		●	
Premium:		●	
Body Color - Orange		●	
Body Color - Almond		●	
Body Color - Safety Yellow		●	
Body Color - Platinum		●	
Body Color - Metallic Charcoal		●	
Body Color - Patriot Blue		●	
SEATING & CARGO BED:			
Seat Colors			
Oyster	●		
Tan		●	
Black		●	
Cargo Bed			
Flip Seat		●	
Stake Side Bed		●	
Plastic Bed		●	
TIRES & WHEELS:			
Front:			
Load Star K399 - 50 PSI (Set of two)	●		
Rear:			
Load Star K399 - 70 PSI (Set of two)	●		
Wheel Covers:			
Wheel Covers	●		
Silver Metallic (Set of 4)		●	
Gold Metallic (Set of 4)		●	
OTHER ENHANCEMENTS:			
Brushguard	●		
Hydraulic Brakes	●		

Item	Std	Opt	Fld
ELECTRICAL:			
Brake Lights	●		
Horn Switch	●		
Hour Meter, Hour, SOC, Grn Back Lit	●		
Port, USB, Dual, 12V Input	●		
Speed Switch, 2 POS (Rabbit/Turtle)	●		
DC/DC Converter, Isolated, 72V	●		
L.E.D. Headlights		●	
Turn Signals with 4-Way Flashers		●	
Unique Group Key Switch		●	
OTHER ENHANCEMENTS:			
Glove Box Door, LH/RH		●	
Glove Box Door, LH		●	
Glove Box Door, RH		●	
BATTERY:			
T1275 Plus Batteries (12V)	●		
T1275 Hydrolink (12V)		●	
Battery Fill Hand Pump			●
Battery Fill System Nozzle, 20' Hose			●
BATTERY CHARGER:			
Charger, 72V, 1000W, D Plug, Off BD	●		
Charger, 72V, 1500W On-Board, High Output		●	
Charger Cord - 5M (16ft) North American (For On-Board)		●	
OTHER ENHANCEMENTS:			
Rear View Mirror (Sun Canopy or Cab Required)			●
Mirror Assy (Sun Canopy or Cab Required)			●
Kit, Mirror 5 Panel (Sun Canopy or Cab Required)			●
WEATHER PROTECTION:			
Kit, Split W/Shield Shuttle 4/6			●
Windshield Kit, Flat-Clip on CLR			●
Sun Canopy 140" (356 cm) (White)			●