



**LET EVERY ROAD
LEAD TO SUCCESS**





TUK TUK PASSENGER AUTO - PETROL COMPACT

SPECIFICATIONS :

Engine	: 4 Stroke.Spark Ignition, Foced Air Cooled	Max Payload	: 340 Kg
Bore X Stoke	: 61.00 Mm X 68.00 Mm	Head Lamp	: 35 / 35 W
Engine Displacement	: 198.60cc / BS4	Pilot Lamp	: 5 W
Max.Net Power (Petrol)	: 11.40 Hp @ 6000 Rpm	Tail / Stop Lamp	: 5 / 18 W
Max.Net Torque (Petrol)	: 15.20 Nm @ 4250 Rpm	Side Indicator Lamp	: 10 W
Starting	: Electric Start	Petrol Tank Capacity	: 3/8 Ltrs
Lubrication	: Seprate Oil Pump	Max Speed (Petrol)	: 60 KMPH
Transmission	: 4 Forward + 1 Reserve Gears	Vehicle Kerb Weight	: 390 Kg
Front/Rear Brake	: Hydraulic Expanding Shoe Type	Electrical System	: 12 V Dc
Hand Brake	: Mech.Expanding Shoe Type On Rear Wheels	Battery	: 12 V 32 Ah
Tyre Size	: 4.00-8, 4 Pr (All Tyres)	Reverse Lamp	: 10 W
Front Tyre Pressure	: 2.1 Kg/Sq Cm (30 Psi)	Horn	: 12 V Dc
Rear Tyre Pressure	: 2.4 Kg/Sq Cm (34 Psi)	Seating capacity	: D+3



PASSENGER AUTO - PETROL MAXIMA

SPECIFICATIONS :

Type	: Single Cylinder, Naturally Aspirated Water Cooled, Direct Injection, Electronic Fuel Injection Engine
Displacement	: 395cc
Maximum Power	: 7 Kw (9.4 Hp) @ 3400 Rpm
Maximum Torque	: 23.5 Nm @ 2400 Rpm
Transmission	
Clutch Type	: Multi Disc wet Type
Gear Box	: Constant Mesh
Gears	: 4 Forward, 1 Reverse
Front Suspension	: Hydraulic Telescopic Shock Absorber With Helical Compression And Damper
Rear Suspension	: Hydraulic Telescopic Shock Absorber With Rubber Compression And Damper
Steering	: Handle Bar Type
Brake	: Drum Brake Hydraulically Actuated Internal Expanding Shoe Type
Tire	: 4.50-10, 8 Pr
Electrical System	
System Voltage	: 12v Dc
Battery Rating	: 50 Ah
Wheelbase	: 1950 Mm
Min. Ground Clearance	: 155 Mm
Rear Wheel Track	: 1250 Mm
Gvw	: 800 Kg
Seating Area	: D+4 / D+3/D+5
Maximum Speed	: 60 Km



PASSENGER AUTO : PETROL MAXIMA(5+D)

SPECIFICATIONS :

Engine Number Of Cylinders	: Single	Wheel & Suspension	
Bore	: 86 Mm	Tyre Size	: Front & Rear 4.50x10.8 Ply
Stroke	: 75 Mm	Suspension Type	
Compression Ratio	: 19.5	Front	: Leading Link Helical Compression Shock Absorber
Cubic Capacity	: 435.6 Cc	Rear	: Triangular Arm Rubber Compression With Hydraulic Shock Absorber
Power	: 6 Kw @ 3600 Rpm	Kerb Weight	: 440kg
Max. Torque	: 21.0 @ 2400 -2200 Rpm	Gross Vehicle Weight	: 898kg
Clutch & Gear Box		Seating Capacity	: 5+D
Clutch	: Multi Plate Wet Type	Dimension	
Gearbox	: 4 Forward & 1 Reverse	Wheel Base	: 1950mm
Capacities		Wheel Track	: 1250mm
Fuel Tank	: 10.25 Ltr	Min. Ground Clearance	: 135mm
Engine Oil	: 1.5 Ltr	Length	: 3110 mm
Gear Oil	: 1.5 Ltr	Width	: 1450mm
Electrical Battery	: Exide 12v, 55ah	Height	: 1900mm



PASSENGER AUTO - DIESEL

SPECIFICATIONS :

Emission Standards	: BS-VI/BS-IV	Kerb Weight	: 471 Kg
Seating Capacity	: D+4/D+3	Gross Vehicle Weight	: 771 Kg
Fuel Used	: Diesel	Min. Ground Clearness	: 155 mm
Average	: 25 Kmpl	Wheel base	: 1950 mm
Fuel Tank Capacity	: 10.25 Ltr.	Rear Wheel Track	: 1250 mm
Brakes	: Drum	Overall Length	: 2950 mm
Suspension	: Front :Coil Spring / Rear: Rubber Damper	Overall Width	: 1450 mm
Driving Mode	: Centre Handlebar	Overall Height	: 1800 mm
Battery	: Lead Acid 12 V	Min. Ground Clearness	: 155 mm
Starting System	: Electric Push Button		
Engine Type	: Di 599 WD		
Bore	: 91.3		
Stroke	: 91.3		
Cubic Capacity	: 597.7		
Max Output	: 7.0 Kw		
Max RPM	: 3850		
Max Speed	: 50 Kmph		
Gear Box	: Constant Mesh		
Clutch	: Wet Multiplate		



TUK TUK PASSENGER AUTO : PETROL + LPG COMPACT

SPECIFICATIONS :

Engine	: 4 Stroke.Spark Ignition, Foced Air Cooled	Max Payload	: 340 Kg
Bore X Stoke	: 61.00 Mm X 68.00 Mm	Head Lamp	: 35 / 35 W
Engine Displacement	: 198.60cc / BS4	Pilot Lamp	: 5 W
Max.Net Power (Petrol)	: 11.40 Hp @ 6000 Rpm	Tail / Stop Lamp	: 5 / 18 W
Max.Net Torque (Petrol)	: 15.20 Nm @ 4250 Rpm	Side Indicator Lamp	: 10 W
Starting	: Electric Start	Petrol Tank Capacity	: 3 Ltrs
Lubrication	: Seprate Oil Pump	MAX SPEED [PETROL]	: 60 KMPH
Transmission	: 4 Forward + 1 Reserve Gears	Max.Net Power (Lpg)	: 11.40 Hp @ 6000 Rpm
Front/Rear Brake	: Hydraulic Expanding Shoe Type	Max.Net Torque (Lpg)	: 15.20 Nm @ 4250 Rpm
Hand Brake	: Mech.Expanding Shoe Type On Rear Wheels	Lpg Tank Capacity	: 21 Ltr Of Water Capacity, 16 Ltr Lpg
Tyre Size	: 4.00-8, 4 Pr (All Tyres)	Vehicle Kerb Weight	: 390 Kg
Front Tyre Pressure	: 2.1 Kg/Sq Cm (30 Psi)	Electrical System	: 12 V Dc
Rear Tyre Pressure	: 2.4 Kg/Sq Cm (34 Psi)	Battery	: 12 V 32 Ah
		Reverse Lamp	: 10 W
		Horn	: 12 V Dc
		Seating capacity	: D+3
		MAX SPEED [LPG]	: 55 KMPH



TUK TUK PASSENGER AUTO : PETROL + CNG COMPACT

SPECIFICATIONS :

Engine	: 4 Stroke.Spark Ignition, Foced Air Cooled	Spark Plug	: Champion Pi 9 Yc / Mico
Bore X Stoke	: 61.00 Mm X 68.00 Mm	Head Lamp	: 35 / 35 W
Engine Displacement	: 198.60cc / BS4	Pilot Lamp	: 5 W
Max.Net Power (Petrol)	: 10.19 hp @ 6000 rpm	Tail / Stop Lamp	: 5 / 18 W
Max.Net Torque (Petrol)	: 13.6 nm @ 4200 rpm	MAX SPEED [PETROL]	: 60 KMPH
Starting	: Electric Start	Max.Net Power (Cng)	: 10.19 Hp @ 6000 Rpm
Lubrication	: Seprate Oil Pump	Max.Net Torque (Cng)	: 13.6 Nm @ 4250 Rpm
Transmission	: 4 Forward + 1 Reserve Gears	Cng Tank Capacity	: 30 Liters Of Water Capacity 7.5 Kg Cng At 200 Bar At Max Filling
Front/Rear Brake	: Hydraulic Expanding Shoe Type	Vehicle Kerb Weight	: 390 Kg
Hand Brake	: Mech.Expanding Shoe Type On Rear Wheels	Electrical System	: 12 V Dc
Tyre Size	: 4.00-8, 4 Pr (All Tyres)	Battery	: 12 V 32 Ah
Front Tyre Pressure	: 2.1 Kg/Sq Cm (30 Psi)	Reverse Lamp	: 10 W
Rear Tyre Pressure	: 2.4 Kg/Sq Cm (34 Psi)	Horn	: 12 V Dc
Petrol Tank Capacity	: 3 Ltrs	Side Indicator Lamp	: 10 W
Max Payload	: 340 Kg	Seating capacity	: D+3
		MAX SPEED [Cng]	: 55 KMPH



PASSENGER AUTO : CNG MAXIMA(6+D)

SPECIFICATIONS :

Emission Standards	: BS-VI	Kerb Weight	: 563 Kg
Seating Capacity	: 6+1	Gross Vehicle Weight	: 1088 Kg
Brakes	: Drum	Min. Ground Clearance	: 150 mm
Suspension Front	: Coil Spring	Wheel base	: 2155 mm
Rear	: Leaf Spring	Rear Wheel Track	: 1250 mm
Driving Mode	: Offset Steering	Overall Length	: 3140 mm
Battery	: Lead Acid 12 V	Overall Width	: 1437 mm
Starting System	: Electric Push Button	Overall Height	: 1971 mm
Fuel Used	: CNG		
Average	: 36(±3)Kmpl		
Fuel Tank Capacity	: 40 Ltr. Water Capacity		
Engine Type	: G 400 W VI CNG		
Bore	: 86		
Stroke	: 68		
Cubic Capacity	: 395		
Max Output	: 7.25 Kw		
Max RPM	: 3400 RPM		
Max Speed	: 57 Kmph		
Gear Box	: Constant Mesh		
Clutch	: Dry Type (Diaphragm)		



DIESEL - LOADER

SPECIFICATIONS :

Emission Standards	: BS-IV	Gross Vehicle Weight	: 995 Kg
Loading Capacity	: 460 Kg	Min. Ground Clearness	: 155 mm
Brakes	: Drum	Wheel base	: 2100 mm
Suspension	: Front:Coil Spring / Rear: Rubber Damper	Rear Wheel Track	: 1250 mm
Driving Mode	: Centre Handlebar	Overall Length	: 3100 mm
Battery	: Lead Acid 12 V	Overall Width	: 1480 mm
Starting System	: Electric Push Button	Overall Height	: 1700 mm
Fuel Used	: Diesel	Gross Vehicle Height	: 995 Kg
Average	: 25 Kmpl		
Fuel Tank Capacity	: 10.25 Ltr.		
Engine Type	: e-Di 599 WD		
Bore	: 91.3		
Stroke	: 91.3		
Cubic Capacity	: 597.7		
Max Output	: 7.0 Kw		
Max RPM	: 3850 RPM		
Max Speed	: 50 Kmph		
Gear Box	: Constant Mesh		
Clutch	: Wet Multiplate		
Kerb Weight	: 467 Kg		



CNG - CARGO LOADER

SPECIFICATIONS :

Emission Standards	: BS-VI	Kerb Weight	: 500 Kg
Loading Capacity	: 427 Kg	Gross Vehicle Weight	: 995 Kg
Brakes	: Drum	Min. Ground Clearness	: 155 mm
Suspension	: Front:Coil Spring / Rear: Rubber Damper	Wheel base	: 2100 mm
Driving Mode	: Centre Handlebar	Rear Wheel Track	: 1250 mm
Battery	: Lead Acid 12 V	Overall Length	: 3100 mm
Starting System	: Electric Push Button	Overall Width	: 1480 mm
Fuel Used	: CNG	Overall Height	: 1700 mm
Average	: 30 Kmpl		
Fuel Tank Capacity	: 40 Ltr. Water Capacity		
Engine Type	: G 400 W VI CNG		
Bore	: 86		
Stroke	: 68		
Cubic Capacity	: 395 CC		
Max Output	: 7.0 Kw		
Max RPM	: 3850 RPM		
Max Speed	: 50 Kmph		
Gear Box	: Constant Mesh		
Clutch	: Wet Multiplate		



PASSENGER EV : TEER

SPECIFICATIONS :

Motor Category	:	L5
Motor Type	:	PMSM
Max. Speed	:	50 kmph
Rated Power	:	5.0 kW 48V
Peak Power	:	7.2 Kw
Range/Per Charge(kms)	:	165* with 200Ah
Gradient Chassis	:	15 Deg
Suspension	:	Coil Spring
Wheel Size	:	4.00 – 8
Brake System	:	Hydraulic Drum
Seating	:	D+3
Dimensions (L*W*H) Overall	:	2030*1395*1760mm
Ground Clearance	:	160
Loading Capacity	:	400 kgs
Electrical Speedometer	:	Digital
Charger Volt & Time	:	58.4 V & 3-4 hrs (Approx.)
Battery Chemistry	:	LFP
Controller Volt	:	42-58 V
Head light	:	LED



PASSENGER EV : SMART MULE

SPECIFICATIONS :

Motor Category	:	L3
Motor Type	:	BLDC
Max. Speed	:	25 kmph
Rated Power	:	1.5 kW 48V
Peak Power	:	2.0 kW 48V
Range/Per Charge(kms)	:	95* with 100Ah
Gradient Chassis	:	10 Deg
Suspension	:	Coil Spring
Wheel Size	:	4.00 - 10
Brake System	:	Hydraulic Drum
Seating	:	D+4
Dimensions (L*W*H) Overall	:	2820*1000*1790mm
Ground Clearance	:	170
Loading Capacity	:	350 kgs
Electrical Speedometer	:	Digital
Charger Volt & Time	:	58.4 V & 3-4 hrs (Approx.)
Battery Chemistry	:	LFP
Controller Volt	:	42-58 V
Head light	:	LED



PASSENGER EV : RICKSHAW

SPECIFICATIONS :

Color	: Yellow, Blue, Red, Green, Blue (Metallic Optional)
Size	: 2750 X 995 X 1750 mm
Motor	: 48V 1000W High Power
Max Power Output	: 2000 Watts
Controller	: 24 Tube Controller 50amps, 24 Mosphets
Differential	: 33" Differential
Tyres	: 3.75 X 12
Front Suspensions	: 43 Mm Telescopic Hydraulic With Spring
Rear Suspensions	: 6 Plate Heavy Duty Leaf Spring
Brakes Front Rear	: Lever Operated Drum Type Foot Paddle Operated Drum
Seating Capacity	: D+4
Parking Brake	: Mechanical Hand Lever Operated
Chassis	: Heavy Duty Tubular Type Structure
Battery	: 110 Ah Eastman', 1 Year Warranty
Charging Time	: 6-7 Hrs.
Charger	: 3 Pin Ac Plug, Input Voltage 170-300 Vac, 15 Amps
Stepney	: Tyre Size 3.75 X 12 Standard
Tool Kit	: Standard
Speed	: 25-30 Kmph
Milage	: 80-100 km / Full Charge*
Front Glass	: Laminate 6mm Windscreen Glass, ICAT Approved
Category	: L3



PASSENGER ATOM PLUS EV

SPECIFICATIONS :

Category	: L3	Dimensions	: 2800x990x1720mm
Motor Type	: Dc	Battery (Lithium -Ion)	: 48v/80a Or 48v/100a Optional
Motor Power	: 48v/1000w	Charging Voltage	: 220v 50hz
Controller	: 24 Tubes	Charging Time	: 3-4 Hrs
Battery (Lead Acid)	: 12v/100a (4nos) Or 12v/150a (Optional)		
Charging Voltage	: 220v 50hz		
Charging Time	: 8-9 Hrs		
Milage	: 80-90 Km (One Charge)		
Max. Speed	: 23 Km/Hr		
Seating Capacity	: 4 + D		
Tyre Size	: 4.00-8,6pr		
Tyre Pressure(Front)	: 2.1 Kg/Sq.Cm (30 Psi)		
Tyre Pressure (Rear)	: 2.4 Kg/Sq Cm (34 Psi)		
Drive	: Rear Wheel		
Brakes	: Hydraulic Expanding Shoe Type For All Three Wheels		
Suspensions (Front)	: Constant Rate Coil Spring & Double Acting Hydraulic Shock Absorber		
Suspensions (Rear)	: Independently Spring Wheels By Trailing Arms With Helical Springs And Hydraulic Shock Absorber		
Electrical System	: 12v Dc		
Head Lamp	: Single 35w		
Horn	: 12v Dc		



PASSENGER E RICKSHAW STAR

SPECIFICATIONS :

Category	:	L3
Motor Type	:	DC Brush (48 V)
Motor Power	:	1000 Watt
Charge Voltage	:	220V/50 Hz
Front Suspension	:	Telescopic Shock Absorber
Rear Suspension	:	Leaf Spring 2 Nos
Transmission Mode	:	Differential Type
Top Speed	:	25 Km/h
Battery Type	:	Lead Acid & Lithium
Battery	:	100 Ah / 110Ah / 130Ah / 150Ah/Li
Full Charge	:	8 Hours
Brake Type	:	Drum (Mechanical)
Roof Type	:	Metal
Tyre Size	:	3.75 x 12
Wheel base	:	2030 mm
Overall Length	:	2740 mm
Overall Width	:	998 mm
Overall Height	:	1740 mm
Seating Capacity	:	4+D
Wheel Rim	:	Alloy Rim / MS Rim



CARGO EV : E CART LOADER

SPECIFICATIONS :

Color	: Yellow, Blue, Red, Green, Blue (Metallic Optional)
Size	: 2750 X 995 X 1750 mm
Motor	: 48V 1000W High Power
Max Power Output	: 2000 Watts
Controller	: 24 Tube Controller 50amps, 24 Mosphets
Differential	: 33" Differential
Tyres	: 3.75 X 12
Front Suspensions	: 43 Mm Telescopic Hydraulic With Spring
Rear Suspensions	: 6 Plate Heavy Duty Leaf Spring
Brakes Front Rear	: Lever Operated Drum Type Foot Paddle Operated Drum
Loading	: Open body / Closed body option
Parking Brake	: Mechanical Hand Lever Operated
Chassis	: Heavy Duty Tubular Type Structure
Battery	: 110 Ah Eastman', 1 Year Warranty
Charging Time	: 6-7 Hrs.
Charger	: 3 Pin Ac Plug, Input Voltage 170-300 Vac, 15 Amps
Stepney	: Tyre Size 3.75 X 12 Standard
Tool Kit	: Standard
Speed	: 25-30 Kmph
Milage	: 80-100 km / Full Charge*
Front Glass	: Laminate 6mm Windscreen Glass, ICAT Approved
Category	: L3



CARGO EV : SMART MULE X

SPECIFICATIONS :

Motor Category	:	L5
Motor Type	:	PMSM
Max. Speed	:	50 kmph
Rated Power	:	8.0 kW 72V
Peak Power	:	12.9 Kw
Range/Per Charge(kms)	:	175* with 200Ah
Gradient Chassis	:	15 Deg
Suspension	:	Coil Spring
Wheel Size	:	4.5 – 12
Brake System	:	Hydraulic Drum
Dimensions (L*W*H) Overall	:	3000*1500*2100mm
Ground Clearance	:	140
Loading Capacity	:	750 kgs
Full Cargo Box	:	1590*1900*1640mm (172 CFT)
Electrical Speedometer	:	Digital
Charger Volt & Time	:	86.4 V & 4 hrs (Approx.)
Battery Chemistry	:	LFP
Controller Volt	:	60-90 V
Head light	:	LED



CARGO EV : SMART MULE

SPECIFICATIONS :

Motor Category	:	L3
Motor Type	:	BLDC
Max. Speed	:	25 Kmph
Rated Power	:	1.5 kW 48V
Peak Power	:	2.0 kW 48V
Range/Per Charge(kms)	:	95* with 100Ah
Gradient Chassis	:	10 Deg
Suspension	:	Coil Spring
Wheel Size	:	4.00 - 10
Brake System	:	Hydraulic Drum
Dimensions (L*W*H) Overall	:	2820*1000*1790mm
Ground Clearance	:	170
Loading Capacity	:	350 kgs
Half Loader	:	1425*997*330mm
Full Cargo Box	:	1425*1000*1100mm (55 CFT)
Electrical Speedometer	:	Digital
Charger Volt & Time	:	58.4 V & 3-4 hrs (Approx.)
Battery Chemistry	:	LFP
Controller Volt	:	42-58 V
Head light	:	LED



CARGO : ATOM PLUS EV

SPECIFICATIONS :

Category	: L3	Rear trolley	: Can be lifted
Motor Type	: Dc	Battery (Lithium -Ion)	: 48v/80a Or 48v/100a Optional
Motor Power	: 48v/1000w	Charging Voltage	: 220v 50hz
Controller	: 24 Tubes	Charging Time	: 3-4 Hrs
Battery (Lead Acid)	: 12v/100a (4nos) Or 12v/150a (Optional)		
Charging Voltage	: 220v 50hz		
Charging Time	: 8-9 Hrs		
Milage	: 80-90 Km (One Charge)		
Max. Speed	: 23 Km/Hr		
Loading Capacity	: 300 Kg		
Tyre Size	: 4.00-8,6pr		
Tyre Pressure(Front)	: 2.1 Kg/Sq.Cm (30 Psi)		
Tyre Pressure (Rear)	: 2.4 Kg/Sq Cm (34 Psi)		
Drive	: Rear Wheel		
Brakes	: Hydraulic Expanding Shoe Type For All Three Wheels		
Suspensions (Front)	: Constant Rate Coil Spring & Double Acting Hydraulic Shock Absorber		
Suspensions (Rear)	: Independently Spring Wheels By Trailing Arms With Helical Springs And Hydraulic Shock Absorber		
Electrical System	: 12v Dc		
Head Lamp	: Single 35w		
Horn	: 12v Dc		
Dimensions	: 2730X995X1650MM		



CARGO : E CART LOADER

SPECIFICATIONS :

Category	:	L3
Motor Type	:	DC Brush (48 V)
Motor Power	:	1000 Watt
Charge Voltage	:	220V/50 Hz
Front Suspension	:	Telescopic Shock Absorber
Rear Suspension	:	Leaf Spring 2 Nos
Transmission Mode	:	Differential Type
Top Speed	:	25 Km/h
Battery Type	:	Lead Acid & Lithium
Battery	:	100 Ah / 110Ah / 130Ah / 150Ah/Li
Full Charge	:	8 Hours
Brake Type	:	Drum (Mechanical)
Roof Type	:	Metal
Tyre Size	:	3.75 x 12
Wheel base	:	2120 mm
Overall Length	:	2785 mm
Overall Width	:	998 mm
Overall Height	:	1270 mm
Seating Capacity	:	1
Loading Capacity	:	322 Kg
Wheel Rim	:	Alloy Rim / MS Rim



 **INDIA**

 **www.bharathiauto.com**

 **export@bharathiauto.com**

 **+ 91 96599 99167, + 91 99525 38046**