



BEEPO "PONY" Mini-Truck Specifications

Key Specifications

Maximum Speed	60kmh
Range	75km
Dimensions (LxWxH)	3.925mx1.46mx1.77m
Gross Weight (kg)	1700kg
Cargo Capacity (CBM)	4.7 CBM (with cargo box)
Cargo Capacity (kg)	500kg

Battery System

Type	Lead Acid AGM Batteries
Capacity	220 AH
Estimated Battery Life (charging cycles)	>800 cycles
Number of Batteries	12 x 6V
Container Material Standards	UL94 and CE

Motor

Type	Brushless 3 phase induction air-cooled AC motor
Rated/Peak Power	7.5 kw nominal /14 kw peak power
Rated Voltage	72V
Environment protection	IP55

Charging

Charging Time	4 to 8 hours
AC Input voltage	85 to 265 VAC full range 45 to 65 Hz
Max. Charging Current	12A @102V
Max. Output Power	1000 W
Regenerative Braking?	Yes

Controller

Rated Voltage	72 V Curtis Instruments
Power rated/max	7.5kW/ 24kW max
Rated Current	300 Amp
Technology	High efficiency Mosfets
Cooling	Convection, no moving parts

Vehicle Specifications

Suspension	Front: McPherson independent suspension & shock absorbers Rear suspension: Leaf-springs
Braking	Hydraulic drum brakes Ø 230 mm Brakes also use electric motor with regeneration control
Number of Gears	5
Transmission	Differential back axle
Steering	Rack
Tyres	165/70 R13