

Type: Carrier, Personnel, Armored, 6x6 Nomenclature: Engesa EE-11 Urutu

Country: Brazil Date of Introduction: 1972

*Physical Data:*

Weight Empty	27783 lb (12600 kg)
Weight Loaded	30870 lb (14000 kg)
Length (OA)	240 in (6100 mm)
Width (OA)	102 in (2590 mm)
Height (over hull)	83.5 in (2125 mm)
Ground Clearance	14.8 in (375 mm)
Wheel Base	176 in 4470 (mm)
Wheel Tread	82.5 in (2100 mm)
Drive	6x6
Armor	Steel plate
NBC Protection	Central

*Armament:*

Main – Cal	(1) .50 cal HMG
Elevation & traverse	Manual
Fire Control	Optical
Aux wpn – Cal	Crew sidearms

*Capacity:*

Fuel	Diesel
Ammo/Qty	unk
Crew/Passengers	2-12
Cargo Vol/Weight	3087 lb (1400 kg)

*Engine:*

Type	Diesel
HP at Rev/Min	212 hp (156.5 kW) @ 2800 rpm
Model	6V-53
Mfr	Detroit Diesel
No. of Cyls	6
Location	Front
Cooling	Liquid

*Transmission:*

Type	Automatic
Speeds Fwd/Rev	4/1
Model	MT 643
Mfr	Allison

*Suspension System:*

Type	Coil & leafspring
Wheels Steerable	Front axle
Turning Radius	32.8 ft (10 m)
No of wheels	6
Tire Size	12.00x20

*General Data:*

Elec Voltage	24V
Radio	As fitted by user

*Night Vision Devices:* As fitted by user

*Performance:*

Speed/Land	62 mph (100 km/h)
Speed/Water	6 mph (10 km/h)
Range	466 mi (750 km)
Fording Depth	Amphibious
Max Grade	60 %
Trench Crossing	120 in (3050 mm)
Step	23.5 in (600 mm)



*Remarks:* The first prototype EE-11 was completed in 1970 with the first production vehicles coming off the line in 1974. Production then continued at a steady but relatively slow rate for over 20 years until the late 1990s when Engesa went out of business. Besides being fitted as a personnel carrier (with or without light machinegun turret); EE-11 variants included an ambulance, command post, recovery vehicle, cargo carrier and Armored Fighting Support Vehicle with 90mm cannon armed turret. In all, the EE-11 ran through seven marks I-VII with the main differences being internal such as engine options.

Above: Top, one of the prototype EE-11 Urutus fitted with folding air intakes for use in heavy surface during landings. This option was fitted to Brazilian Marine vehicles. Bottom: Late series EE-11 with .50 cal. HMG armed turret and optional Mercedes Benz OM-352A engine.

*Usage:* The following countries either had, or presently use the EE-11; Angola, Bolivia, Brazil, Chili, Colombia, Cyprus, Ecuador, Gabon, Guyana, Iraq, Jordan, Lybia, Morocco, Nigeria, Paraguay, Surinam, Tunisia, UAE, Uruguay, Venezuela.

*Manufacturer:* Engesa s.a., Sao Paulo, Brazil.