

TECHNICAL SPECIFICATIONS

ENGINE		DRIVELINE AND SUSPENSIONS	
Engine type and Cylinders	1000 H2 V- Twin, 50HC 4 – stroke, 4 – valve w/EFI 951 cc Electronic Fuel Injection	Wheel Drive	2/4 WD + Electric Front Differential Lock
Engine Output	95hp	Bore & Stroke	92x71.6 mm
Power to Weight Ratio	> 53 HP / Ton (GVW)	Differential Locks	Electric Front Differential Lock
Fuel tank Capacity	39 litre	Brakes	Hydraulic Disc with Dual Piston Caliper
Wheels & Tires	Front: 28X 10R 14 Rear: 28X 10R 14	Steering	Variable Assist Electronic Power Steering (EPS)
Alternator capacity	35 amps	Suspension	Front: Double A- Arm Rear: 5 – Link Trailing Arm
Cooling	Liquid with twin fan	Transmission	
		Gearbox	Automatic transmission Rapid Response Clutch, Hi/ Lo Range, Reverse and Park
		Chassis	
		Chassis	Arctic Cat Wildcat 4 1000

DIMENSIONS	
Length	149 in / 3,785 mm
Height	79.5 in / 2,019 mm
Width	64 in / 1,620 mm
Wheelbase	124 in / 3,150 mm
Ground Clearance	13 in / 330 mm
Dry Weight	3,255 lbs / 1,480 Kg
Payload	770 lbs / 350 Kg
Seats (all with seat belts)	3
Transportability	
Air Transportability	C-130 and up



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ULTRALIGHT

Armored Vehicle






- Agile ultralight platform
- Fully protected - 360 ballistic protection: B6+
- Extreme maneuverability capability over any terrain (off-road & urban)
- Extremely high power to weight ratio
- Highly transportable for airborne operations
- Low cost of operation
- Independent power system
- Air-conditioning systems





ULTRALIGHT Armored Vehicle

BALLISTIC PROTECTION LEVEL B6+

	5.56x45 M193	3.56	FJ ² / PB / SCP1	937	3 on a 120 mmΔ
	7.62 X 39	3.56	FJ ² / PB / SCP1	937	3 on a 120 mmΔ
	7.62 X 51**	9.5	FJ ¹ / PB / SC	830	3 on a 120 mmΔ

EXTREMELY HIGH OF-ROAD PERFORMANCE

Extreme Maneuverability and agility at any terrain

- **Off-road** - on rocky and muddy terrain on sand dunes and on forest environments, climbing extreme sloping roads
- **Urban** - on extreme narrow passages, crossing jammed or blocked roads on sidewalks, stairs



Based on Arctic Cat Wildcat 4 1000 platform

LIGHT REMOTE CONTROLLED WEAPON SYSTEM

Optional
Systems



CONTROL UNIT



ARMAMENT
(interchangeable by the crew)

- NEGEV 5.56 mm
- MAG 7.62 mm

INTEGRATED LIGHT QUAD DRONE

Optional Systems



- Fully automatic operation
- Target auto-tracking function
- Up to 64 Km/h
- 27 minutes operation

ULTRALIGHT ARMORED VEHICLE

As an answer to the asymmetric warfare threat such as: Terror, guerrilla factions and armed crime organizations in rural and remote urban zones which present the following challenges:

- Limited maneuverability and access conditions
- Ballistic threats from automatic assault rifles

Plasan has developed the Yagu, an Ultralight Tactical Armored Vehicle - which is well equipped with an automatic remote controlled weapon system, and is highly effective to deal with such threats in both rural and urban areas.

