

PROTECTION CAPSULE

BALLISTIC VERSION 1 (B-01)



The B01 capsule is engineered to provide a survivable, protected micro-environment in extreme threat scenarios, combining **ballistic resistance**, **thermal protection** and **structural reinforcement**.





BALLISTIC SHIELD



FIRE RESISTANCE



RAPID SHELTER

Designed for easy access, rapid sheltering and compact installation while maintaining a reinforced internal volume suitable for two occupants.

CONSTRUCTION

Reinforced internal and external steel shells

50 mm **multilayer fiberglass insulation**, thermal protection & impact absorption

Internal tubular steel frame 50x50x5 mm (strategic reinforcement zones)

Structural geometry designed to **dissipate shocks and maintain interior survivability**

DIMENSIONS

Length	1980 mm
Width	1600 mm
Height	1475 mm (closed) / 1840 mm (open)
Weight	1250 Kg

BALLISTIC PROTECTION

Dual steel structure:

Outer Shell	6 mm high-strength steel
Inner Shell	3 mm high-strength steel
Inter-layer	50 mm thermal fiberglass insulation (energy absorption + anti-spall)

Protection Level:

Current architecture engineered to approach B5 (depending on ammunition type & test conditions). Official ballistic certification (B5) will be confirmed during the upcoming test campaign with independent laboratories and defense institutions.

B6 Upgrade Potential : Achieving B6-level protection may be possible by increasing the thickness of the inner steel layer and/or integrating composite ballistic modules (aramid/PE). A dedicated B6 configuration can be developed upon request.

THERMAL & FIRE PROTECTION

1000°C Thermal resistance for 20 minutes

Multilayer **thermal insulation** system

Fireman version optimized for wildfire and urban fire scenarios

INTEGRATED FEATURES

Ventilation & Air Renewal System (Optional integration of O₂ / N₂ bottles for extended autonomy)

Optional Sensors & Beacons: GPS tracking, localization, tactical communication modules

Optional External Vision & Monitoring Cameras, situational awareness systems, emergency SOS transmitters

Reinforced Fast-Access Door

Future compatibility for helicopter extraction (Fireman version)

Optional Enhancements (On Request) : Upgraded ballistic configuration (B6-oriented), Kevlar or composite aramid inserts between steel layers, Additional thermal shielding, Tactical GPS, C2 integration (OEM partnerships), Custom colors, mounting systems, or extraction interfaces

LOGISTICS & TRANSPORT

Lifepods can be easily and rapidly deployed and comply with these transport modes



Photos non contractuelles. Les visuels sont fournis à titre illustratif.