



# FLEXIPOD CLINIC

## Operational Life Saving Capability

Protected, self-sufficient ROLE 2 surgical capability in a ROLE 1 front-line environment.

Designed within a standard 20' ISO container to comply with all Standardised transport systems, ensuring full interoperability across allied nations.

### Medical Capabilities

- Fully equipped medical and surgical capability
- ROLE 2 capability in a ROLE 1 environment
- Hybrid capability for MEDEVAC/CASEVAC
- Medical IPC compliant floor drainage system
- Medical workstation with storage and dual refrigerators
- Medical grade HVAC vent-system
- Storage with integrated refrigerators
- Configurable to bespoke requirements

### Off-grid

- self-supporting, protected and integral power systems
- Multiple charging and power integrators

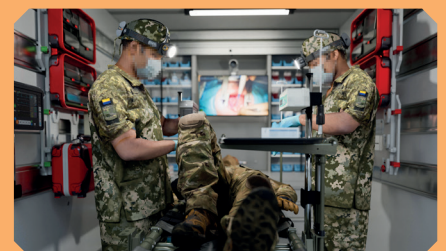
### Security

- Ballistic protection
- Enhanced protection against drones
- Low IR signature and EMS protection options
- Hybrid warfare camouflage
- Protection against biological and chemical threats

### Interoperability

- Standard 20' ISO container with universal interface
- Complies with all standardised transport
- Rapidly deployed by land, air, and sea

- SURGICAL CAPABILITY
- INTEROPERABLE
- OPERATIONAL READINESS
- RAPIDLY DEPLOYABLE
- OFF-GRID & SELF SUFFICIENT





## TECHNICAL DATA

### Power Management System:

Energy package: 15KW/h or 20 kW/h  
Charged by: 230V/400V grid (110V optional)  
Hybrid generator, gasoline and LPG compatible  
Flexible solar panels

### HVAC:

CBRN/COLPRO compliant, Dantherm  
Positive pressurized environment  
Operating temp. range, cooling +20°C to +60°C  
Operating temp. range, heating -32°C to +20°C  
HEPA filter available

### Ballistic Protection:

STANAG 2920 (standard)  
STANAG 4569 (extended)

### Lights:

Fixed & surgery lights (BOS Defence & Security)  
White, green and blue coloured

### iNTRAXX wall system:

Wall-mounted ambulance system  
G-force certified 10/26G

### Insulation:

High performance insulation with thermal conductivity coefficient of  $\lambda = 0.022$   
Wall 65mm, Ceiling 100mm, floor 65mm.

### Camouflage:

Camouflage coating, cammo net,  
IR reducing coating

### Main standards and Certifications:

CSC Convention (1972) – Safety certification for international transport  
ISO 668 – Classification and dimensions for standard freight ISO containers  
EN 15218 – Performance requirements for temporary/mobile buildings  
EN 14509 – Insulated sandwich panels for walls, roofs, and floors  
EN 60364 – Low-voltage electrical installations  
IEC 62391 – Safety and performance for electric super capacitors  
EN 1253 – Hygienic floor drainage system. IPC Infection prevention & control  
IEC 61010-1 – Safety of electrical systems with measurement/control  
EN 61000 series – Electromagnetic compatibility (EMC (Add-on))  
EN 60601-1 – Electrical safety for integrated medical devices  
EN 13795 / EN 14683 – Infection control and hygiene standards  
CBRN/COLPRO Ventilation

### Transport:

Flatbed & forklift  
C130 (2 units)  
CH47 (underslung load)  
Road & sea transport of standardized ISO containers

Dimensions:	Interior	Exterior
Length	5898mm	6058mm
Width	2352mm	2438mm
Height	2393mm	2591mm

Flexipod is fully designed and developed in Norway by Podtown AS and produced in Poland by Banair Ltd.

NATO/NSPA registered product.



### Our trusted Partners:



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