



# FLEXIPOD ACCOMMODATION

Off-grid accommodation for austere operations

Flexipod - rapidly deployable, operationally robust accommodation for expeditionary operations.

Designed, developed, and delivered for the most inhospitable and austere environments – from combat operations to humanitarian and disaster relief.

Configurable to suit bespoke needs, from 2 to 6 sleeping pods, with a range of internal solutions.

## Tactical Capabilities

- Quality rest and sustenance
- Separate ventilation for each bed section
- Secure Medical grade HVAC vent-system
- Storage, refrigerator, odorless toilet
- Self-contained portable handwash station

## Off-grid

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

## Security

- NATO STANAG 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
- Rapidly deployed by land, air, and sea
- Compatible with all standard transport methods, .e.g. forklift, fletbed, ISO frame ISO lifting gear

- FLEXIPOD 2 PAX
- FLEXIPOD 4 PAX
- FLEXIPOD 6 PAX



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## 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

### Cabins:

from 2 to 6 private rest cabins with separated ventilation, lights and charging sockets

### 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 15251 – Parameters for indoor environmental quality in buildings  
2013/33/EU – Reception Conditions Directive, incl. temporary accommodation  
2001/55/EC – Temporary Protection Directive rapid access to accommodation  
EN 1647 – Requirements for habitation and temporary accommodation  
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  
IEC 61010-1 – Safety of electrical systems with measurement/control  
EN 61000 series – Electromagnetic compatibility (EMC (Add-on))  
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.



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C. Sundts gate 17,  
5004 Bergen, Norway  
[www.flexipod.no](http://www.flexipod.no)

Contact:  
[post@podtown.no](mailto:post@podtown.no)