

Mobile Space Capsule

HJ-IMHSC-001



Product Introduction

An innovative mobile living unit integrating modular design, lightweight structure, and intelligent systems, specifically tailored for cultural tourism, camping, homestays, and emergency scenarios. Featuring a high-strength aerospace aluminum alloy frame and composite materials including tempered glass/fluorocarbon-coated aluminum panels, it achieves IP65 waterproofing and enables rapid deployment within 24 hours on complex terrains such as mountains, lake-sides, and scenic areas—all without requiring foundation work. This "portable starry-sky room" re-defines mobility in residential solutions.

Product Features



Flexible Deployment



Eco-Friendly Design



Smart User Experience



Multi-Scenario Adaptability

Parameter

Product Model	HJ-IMHSC-001
Transport Dimensions (mm)	(L)8500*(W)3300*(H)3300
Footprint Area	28.4 m ²
Layout	1 living room + 1 bathroom
Power Consumption	12KW
Total Net Weight	Subject to actual weighing verification

Configuration Description

Steel Framework	Steel Framework
Exterior Cladding	Aluminum panels
Thermal Insulation	70mm polyurethane insulation layer
Exterior Glazing	6+18A+6 hollow Low-E glass or 6+6 laminated insulated glass
Exterior Surface Treatment	Metal fluorocarbon paint finish
Balcony	Panoramic balcony (10mm tempered glass)
Perimeter Lighting	Ambient LED light strip (surround design)
Entrance Door	Smart access control system
Ceiling	Decorative integrated panel
Walls	Decorative integrated panel
Flooring	Premium wood-grain interlocking flooring
Indoor Lighting	3000K warm yellow light
Outdoor Lighting	4000K warm white light
Privacy Door	Frosted tempered glass door
Toilet	Smart toilet
Shower	50L tank-type water heater
Sink	Countertop basin
Hanging Racks	Clothing/towel rack
Faucet	High-rise faucet
Air Conditioning	Ducted 2P air conditioner
Bathroom Heater	3-in-1 integrated warm air blower
Power Supply	Card-activated + manual control switches
Plumbing Insulation System	Full-house water supply/drainage insulation protection
Staircase	Entrance staircase