

# Prana Pergola

Transforming a pergola into a multifunctional architectural and emotional experience



Harmony Between Man  
and Nature

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## Inspired by the Sanskrit "Prana"

"Prana" means "life energy" or "breath" in Sanskrit. Combined with Eastern meditation philosophy, the design incorporates breathing rhythm guidance, a meditation-enhancing lighting system, and bamboo lattice screens that create natural light and shadow effects. These innovations transform the traditional shelter-focused pergola into a perceptive space, establishing a new paradigm for relaxing the body and mind.





## Breathing Life into Space Through Light and Shadow

At its core, the design embraces the cycle of energy, using sliding doors and bamboo lattice screens to filter sunlight, casting dynamic shadows that shift with the day. This creates a rhythmic play of light and shadow akin to breathing, forming a harmonious field where people and nature resonate as one.

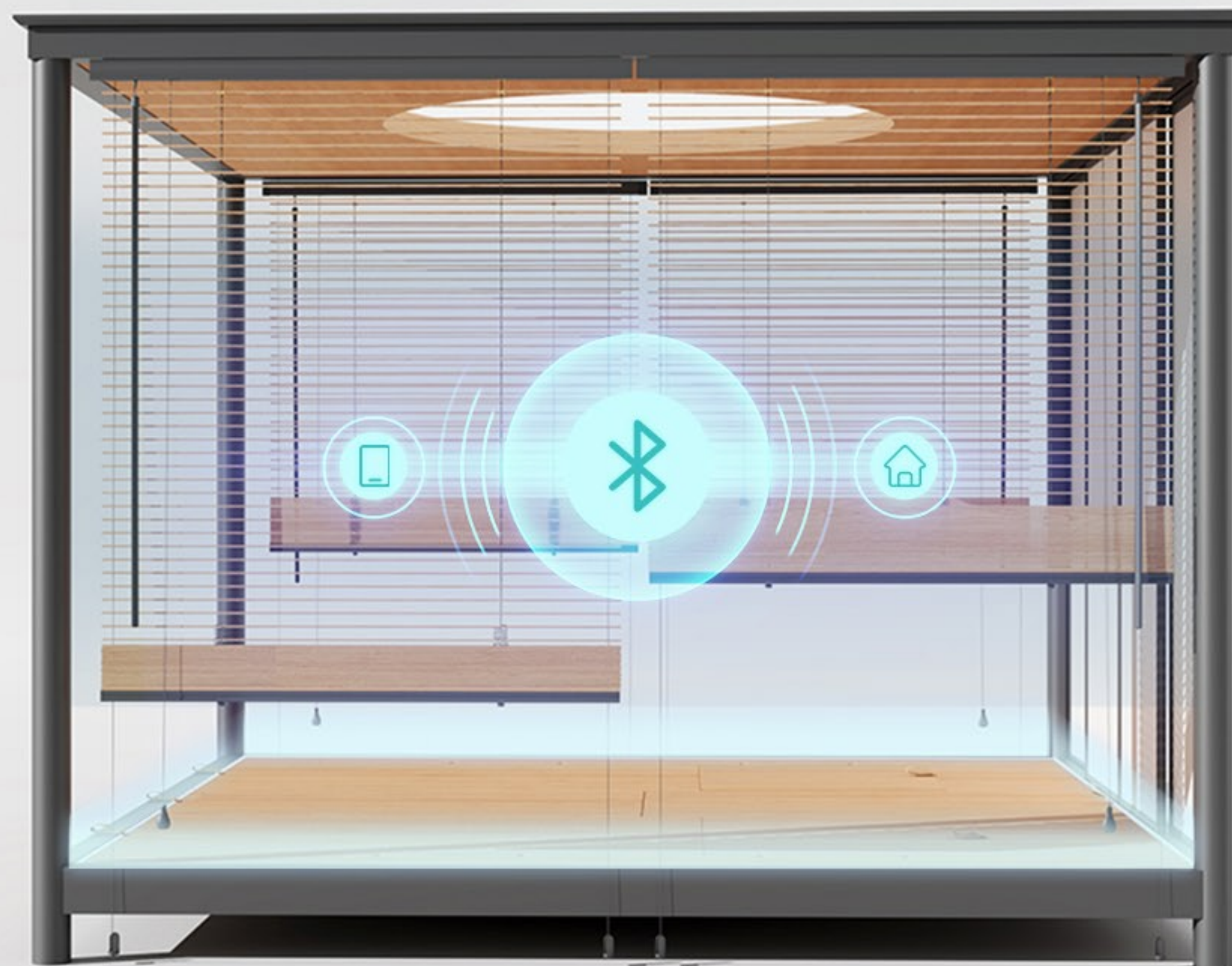


## Smart Connectivity, Light-Shadow Interaction

A solar-powered dome light crowns the structure, symbolizing the cyclical flow of energy and evoking a starry night at dusk.

Floor-embedded LED strips connect via Bluetooth to music, allowing light to rise and fall with rhythm, guiding breath and harmonizing inner state.

This intelligent interplay of light, sound, and user interaction transforms functional elements into immersive sensory experience while emphasizing sustainability and mindful technology.





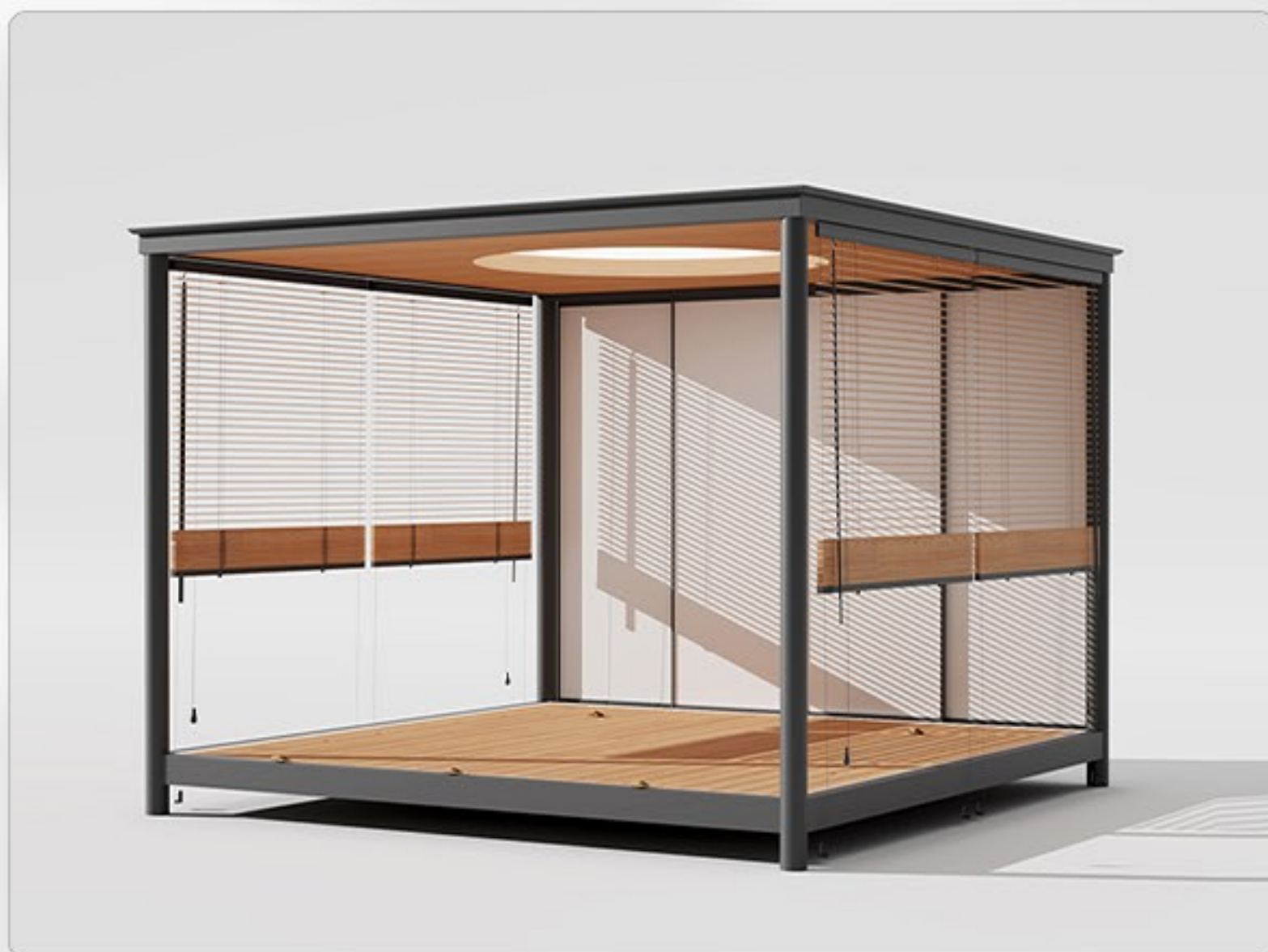


## Concealed Storage & Functional Switching

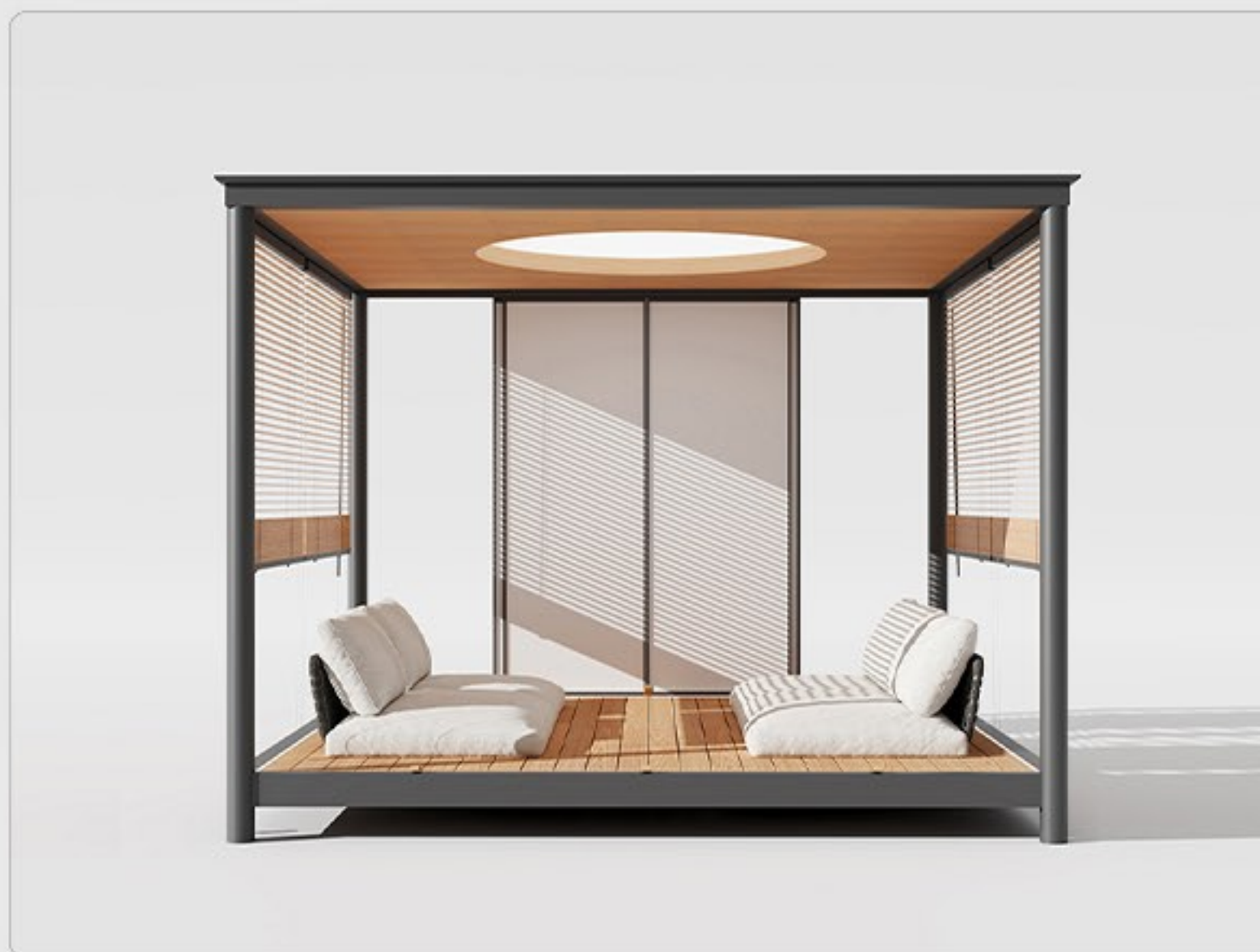
Six hydraulic-assisted storage compartments let users effortlessly lift the floor panels via woven handles to store items like books, yoga mats, and cushions. Additionally, pulling or adjusting these handles allows the floor layout to be reconfigured, enabling seamless transitions between different space functions.



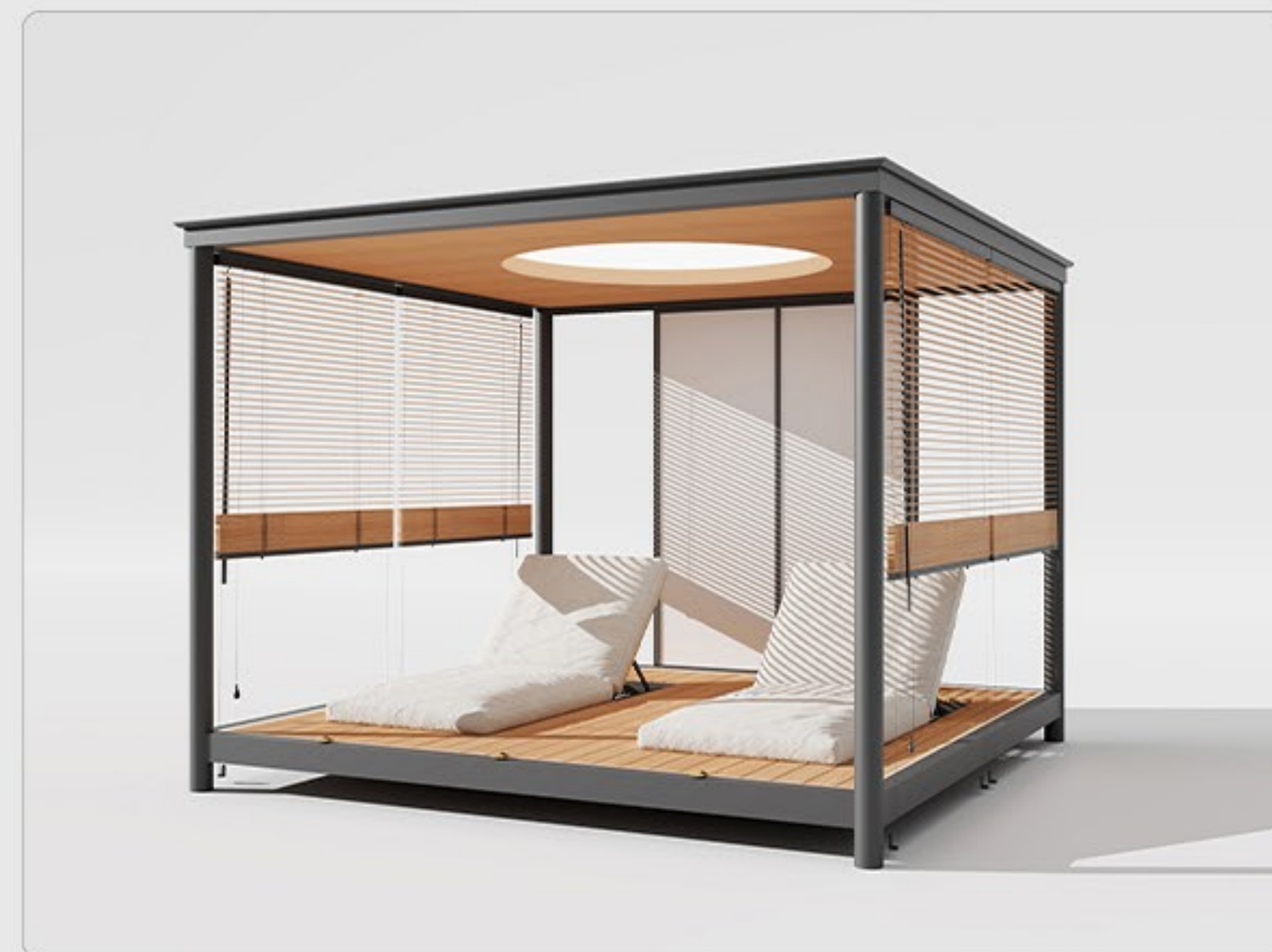
Meditation & Yoga



Chat & Chill



Sunbed



## Multi-Mode Flexibility

By leveraging woven handles and hydraulic-assisted mechanism, users can easily open or close the floor panels. This enables seamless transitions between yoga practice, family gatherings, and lounge modes—significantly enhancing both flexibility and space utilization.



## Embracing Sustainable Philosophy

The entire product is powered by a solar energy system that ensures low energy consumption. By integrating renewable materials such as aluminum alloy and bamboo, it reduces carbon emissions and extends the product lifecycle—creating a pure, harmonious healing environment in tune with nature.







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