



# NOMADE PAVILION

SMART POWERED  
TENT

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# WHAT IS NOMADE PAVILION?



**Tailored Tent**



**Solar System**



**Customised Options**

The Nomade Pavilion is a cutting-edge, off-the-grid, solar-powered smart tent that can be fully customised to meet your unique needs. Designed with flexibility and sustainability in mind, it offers a versatile solution for various outdoor spaces and events.

Originally a collaborative project between Enterprise Singapore and the Abu Dhabi government, Nomade was created to address the heat and sustainability challenges faced in hot climates worldwide.

The first installation is located in Masdar City, Abu Dhabi's pioneering hub for sustainability and clean energy. Here, it provides a cool, sheltered space that enables outdoor activities to be enjoyed even in extreme heat.

## It is Perfect For:



### **Leisure & Social Gathering**

Comfortable outdoor spaces for public or private events.



### **Safe Play Areas for Children**

A Shaded retreat where kids can play safely.



### **Relaxing Seating in Public Parks**

Comfortable outdoor spaces for public or private events.



### **Corporate & Private Events**

Ideal for corporate parties featuring branded logos or intimate gathering with friends and family.



# FUNDAMENTAL ELEMENTS

The fundamental element is an off-the-grid, solar-powered smart tent that can be customised to your needs.



## Off Grid

A solution that does not need external power to function. It is independent and suitable for environments like beach boardwalks, parks, and even deserts.



## Battery Life

A battery management system that lasts for hours on a full charge, controlled by smart integrated facilities management software with sensors and remote control.



## Smart Sensor

The Nomade is equipped with a network of smart sensors that monitor and regulate energy consumption. These sensors can adjust the electrical components based on occupancy, optimizing energy usage in real-time. This smart technology not only minimizes waste but also contributes to creating a comfortable and adaptive indoor environment.

# ADAPTED STRUCTURE



## Size

The size of the tent can be customised to suit your preferences, as long as there is sufficient space on the roof for the solar panel installation. For example, larger pavilions can be designed for corporate events or large parties, while smaller ones are ideal for family gatherings or marketing events.



## Design

The design can be customised to suit your preferences and specific needs. As long as there is space on the roof for the solar panel installation, the tent design remains flexible. For example, a foldable tent for a one-day event, a medium-sized pavilion for short-term use for a marketing booth, and a permanent pavilion for installation in a park.



## Function

The size of the tent can be customised to suit your preferences, as long as there is sufficient space on the roof for the solar panel installation. For example, larger pavilions can be designed for corporate events or large parties, while smaller ones are ideal for family gatherings or marketing events.

We are able to accommodate any special requests you may have.





# CUSTOMISABLE

Here are some examples of customisation options.  
We can accommodate any special requests you may have.



## Lighting

The lighting feature can be added to enhance evening parties and other events.



## Brand Logo

Enhance your corporate events and brand promotions by adding your company or brand logo.



## Fan

The fan helps to control temperature efficiently with minimal energy consumption. Integrated fans help circulate air, keeping the space cool and comfortable during events.



## AC Unit

The integration of energy-efficient air conditioning units complements the cooling strategy, optimizing energy use for maximum efficiency.



## Display

Display screen is ideal for promotional events and other corporate events. The screen can be used to showcase branding or advertisement.



## Data Acquisition

The Nomade can be equipped with sensors for data acquisitions.



## Charging Station

Integrated charging USB ports for charging your devices, offering a convenient way for guests to charge their devices while enjoying the outdoors. WiFi option is also available to stay connected with built-in WiFi capability.

## CUSTOMISATION OPTIONS



Display Screen



Lighting



Brand Logo

# WHERE CAN THEY BE INSTALLED?

It is a fully off-the-grid, solar-powered smart tent. As long as there is abundant sunlight, the pavilion can be installed anywhere.



Open Space



IN CITY

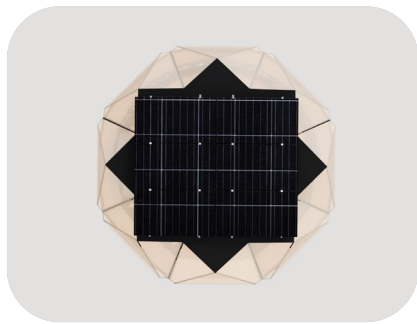


# COMPLETED INSTALLATIONS

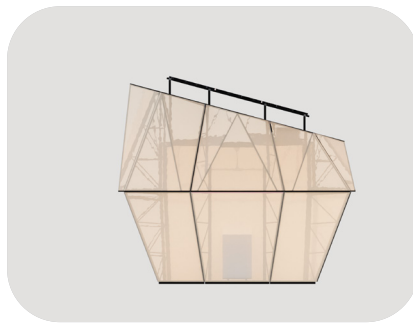
The Nomade Pavilion was conceived by MDS+ ([www.mdsplus.com](http://www.mdsplus.com)), a leading design and development firm based in Singapore, as a part of an innovative cross-city collaboration between Singapore and Abu Dhabi. Created in response to a challenge from Masdar City to address extreme heat conditions, the Pavilion showcases a breakthrough approach to sustainable cooling.

Today, it stands proudly in both Masdar City and Singapore, featuring an integrated air conditioning system and high-efficiency fans to deliver effective, energy-conscious cooling.

## THE MASDAR & SINGAPORE CASE DESIGN



TOP



SIDE



BACK



SIDE



FRONT

The Nomade Pavilion draws inspiration from the eight-pointed star, achieving a seamless fusion of form and function. Its octagonal symmetry not only enhances structural integrity but also creates a balanced, aesthetically pleasing design.

This harmonious blend of elegance and symmetry gives the pavilion both visual appeal and cultural significance, as the eight-pointed star is a motif commonly found in desert architecture. Complementing its structure, the sand-coloured shell blends naturally into the surrounding desert landscape.

Inside the pavilion, natural light, shade, and advanced cooling systems work together to create a refreshing, oasis-like atmosphere.



Masdar City, Abu Dhabi



OneNorth Office Area, Singapore

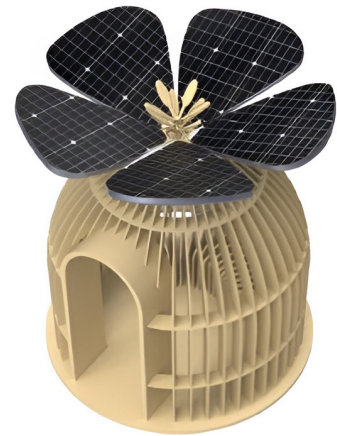
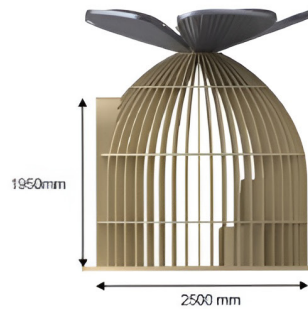
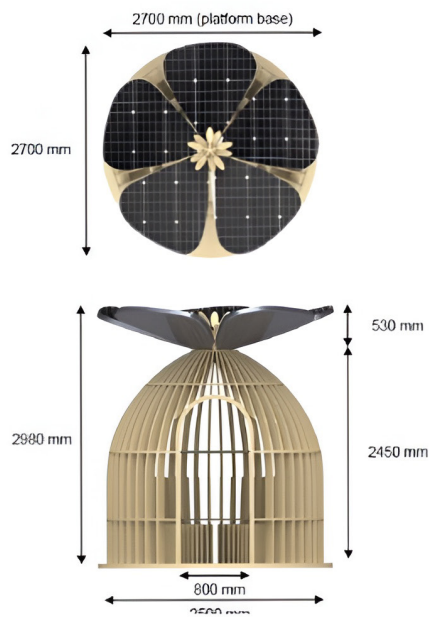
# OTHER DESIGN EXAMPLES

The CORE basic structure is composed of solar panels to harvest natural light, a highly efficient battery pack and a cutting edge energy management system to store and deliver energy.

The tentage and features are customisable.

## CACTUS HOUSE

Designed to provide a cool, oasis-like space for up to five people, the pavilion features a comfortable seating area inside.



**Concept 2:**

**Main Structure**  
(without base and solar panel)  
2500(L) x 2500(W) x 2500(H)mm

**Overall Size**  
(with base and solar panel)  
2700(L) x 2700(W) x 2980(H)mm

