

 **STELLAR  
SOLAR<sup>®</sup>**

SMART BENCH | BRAND GUIDE

  
**Nü-NRG**  
GROUP

  
**CHARGE POINT**





TOUGHENED LAMINATED GLASS

WIRELESS CHARGING SPOT

SOLAR PANEL

USB CHARGING PORTS

LED LIGHTING

SOLID STEEL FRAME

CHOICE OF PANELLING

# INTRODUCING THE STELLAR SOLAR SMART BENCH





# ABOUT THE STELLAR SOLAR SMART BENCH...

STELLAR SOLAR BENCH IS A VERSATILE OUTDOOR BENCH THAT OFFERS USB MOBILE DEVICE CHARGING FROM UTILISING SOLAR ENERGY WITHOUT EXTERNAL ELECTRICAL CONNECTION.

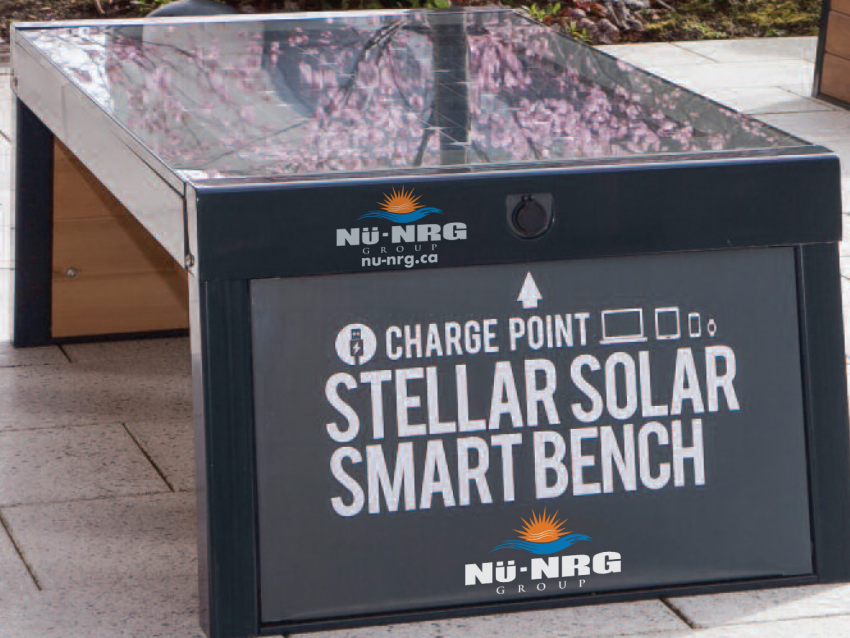
THE SIMPLE DESIGN OF THE BENCH ALLOWS SOLAR ENERGY TO BE COLLECTED AND STORED IN THE INTEGRATED CONTROLLED BATTERY SYSTEM TO BE USED AS AND WHEN REQUIRED.

THE STORED ENERGY ALSO POWERS LED CONCEALED PHOTOCELL CONTROLLED LIGHTING ON THE BENCH AND CAN BE UTILISED FOR WI-FI AND OTHER REPORTING.



# STELLAR SOLAR SMART BENCH OPTIONS...

THE STELLAR SOLAR SMART BENCH OFFER ALL KEY FEATURES  
AS STANDARD WITH THE OPPORTUNITY FOR MULTIPLE  
FUNCTIONS AND ADDITIONAL CUSTOM BUILD FINISHES



1. URBAN

2. FLEXI

3. CUSTOM



# 1.

## URBAN SMART BENCH

THE URBAN SMART BENCH OFFERS A HIGH-END, ROBUST STEEL FRAME, POWDER COATED IN ANTHRACITE GREY (RAL 7016), WITH OPTIONS FOR COMPOSITE CLAD WOOD EFFECT END PANELS, WITH A TOUGHENED EDGE PROTECTED 13 MM GLASS TOP.

THE STELLAR SOLAR SMART BENCH HAS FOUR USB CHARGING PORTS, AND TWO WIRELESS CHARGING SPOTS, (IPHONE AND ANDROID), AND WITH AN LED UNDERSIDE STRIP LIGHT INCLUDED, THE URBAN SMART BENCH OFFERS AN OVERALL DURABLE UNDERSTATED STYLISH OUTDOOR BENCH THAT FITS WITH ANY EXTERIOR SETTING.



# 1. URBAN

WIRELESS  
CHARGING  
SPOTS

USB  
CHARGING  
PORTS





# 2.

## **FLEXI** SMART BENCH

THE FLEXI SMART BENCH OFFERS THE SAME FEATURES AS THE URBAN SMART BENCH BUT HAS ADDITIONAL FLEXIBILITY OF CREATING BRAND OR IP FEATURES OR SPONSORSHIP AND ADVERTISING OPPORTUNITIES AT CUSTOMER REQUEST. THIS ALLOWS THE BENCH TO DISPLAY CUSTOMERS UNIQUE BRAND IDENTITY.

UNDERSIDE PANELS CAN BE POWDER COATED IN BRAND COLOURS, BRAND IDENTITY GRAPHICS CAN BE ADDED TO UNDERSIDE OR END PANELS.



A man in a dark jacket and jeans is sitting on a modern, dark-colored bench. The bench has a solar panel on its left side, and a white charging cable is plugged into it, connected to a smartphone held in the man's hands. The bench has the text 'CITY QAYS' on its side. In the background, there is a modern building with large glass windows and a person walking in the distance. The sky is blue with some clouds.

## 2. FLEXI

UNIQUE  
BRANDING  
LOCATIONS

# 3.

## CUSTOM SMART BENCH

THE CUSTOM SMART BENCH HAS ALL THE SAME FEATURES AND BUILD QUALITY OF THE URBAN SMART BENCH WITH ADDED OPTION TO SUIT YOUR BUSINESS OR LOCATION REQUIREMENTS. THE CUSTOM SMART BENCH OFFERS THE OPPORTUNITY TO CREATE A DESIGN SUITABLE FOR ANY IMMERSIVE ENVIRONMENT SUPPORTING, COMPLEMENTING AND INTEGRATING WITH ANY THEMING.



A THEMED AND CUSTOMISED VERSION OF OUR SMART BENCH WAS IMMERSSED INTO THE SURROUNDINGS OF CARNAVAL LOCATED WITHIN GLOBAL VILLAGE THEME PARK IN UAE.

WE DESIGNED AND CREATED A CUSTOM SMART BENCH TO SUIT THE CUSTOMER'S EXACTING REQUIREMENTS WITH THE STEEL FRAME BEING POWDER COATED IN A CORPORATE RED COLOUR. BRANDED UNDERPANELS AND END PANELS WERE ALSO GRAPHIC WRAPPED ALONG WITH A SUPERIMPOSED LOGO TO CREATE A 3D DEPTH EFFECT TO FIT WITH THE OVERALL THEME OF THE PARK.

### 3. CUSTOM









# SPECIFICATIONS

## FEATURES

- SOLAR POWER AUTONOMY
- MOBILE DEVICE USB AND WIRELESS CHARGING
- VANDAL RESISTANT
- QUALITY BUILD MATERIALS
- EASY INSTALL AND MOBILITY

## SPECIFICATION

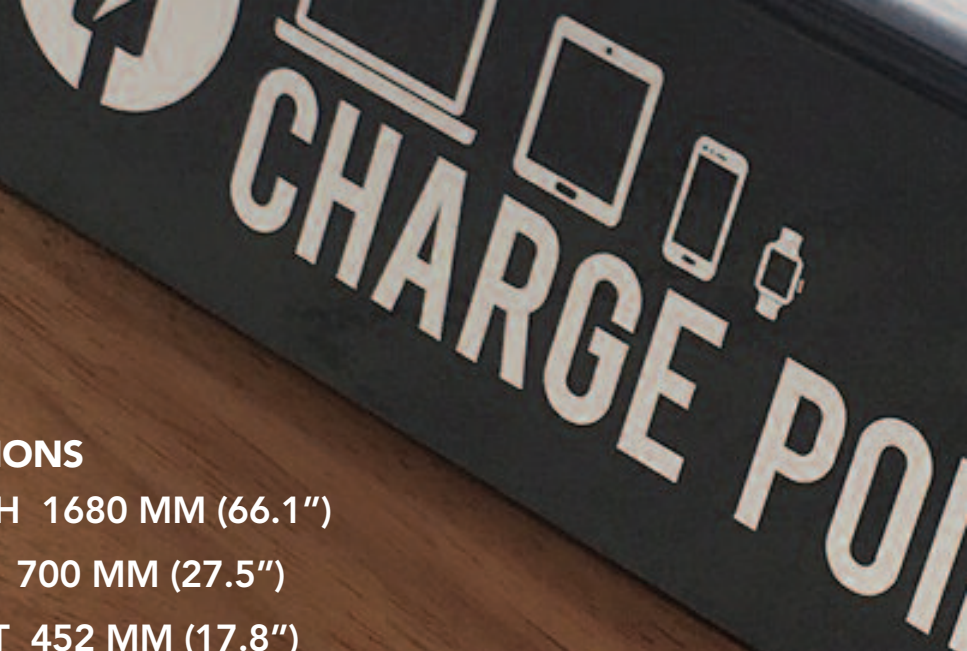
- 13MM TOUGHENED LAMINATED GLASS TOP
- 60 AHr VARTA BATTERY SYSTEM WITH REGULATED 10A INVERTER
- 100WP MONOCRYSTALLINE GENERATING BLACK PHOTOVOLTAIC SOLAR PANEL
- 4 X 1A/2A USB WATER PROOF PORTS
- COMPOSITE WOOD EFFECT END PANELS

## DIMENSIONS

- LENGTH 1680 MM (66.1")
- WIDTH 700 MM (27.5")
- HEIGHT 452 MM (17.8")
- WEIGHT 136KG (300 LBS)

## CUSTOMISATION

- AMBIENT LED LIGHTING
- THEMED / BRANDED ENDS
- SIGNAGE / ADVERTISING
- RAL COLOUR OPTIONS
- OPPORTUNITY FOR MULTIPLE FUNCTIONS
- IOT SENSORS
- WIFI / INTERNET TECHNOLOGY



# SET UP INSTRUCTIONS...

## Bench Preparation

For safety during shipping, your Stellar Bench has been delivered with the USB power outlets and the LED lights turned to the off position. To activate the bench please complete the following steps:

- 1 locate the 6 security screws retaining the underpanel, positioned as indicated below.



- 2 Remove the under body panel and locate the electrical panel. On the electrical panel move both the usb switch and the led switch to the on position.



- 3 Refit the underbody panel with the 6 retaining screws.

## Stellar Bench Anchoring Instructions

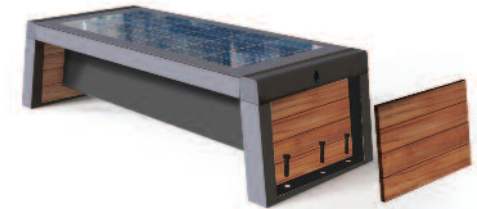
The Stellar Bench is provided with ground anchoring points inside each of the legs. The process for accessing the anchoring point holes is as follows:

- 1 Remove the four screws located on inside of each leg in the positions shown below



- 2 Carefully remove the 2 outer leg panels as shown. This will provide access to the 3 mounting holes on the leg plate as shown.

- 3 Each hole is 16mm diameter. It is recommended that the anchoring bolt is a minimum diameter of 8mm in combination with a suitable washer. One anchoring bolt in each of the legs should be sufficient. The three holes provided give a choice of location and number of anchoring bolts that the customer wishes to use.



- 4 To complete the installation, replace the outer leg panels and secure with the screws removed during disassembly.

## Function Checks

Your Stellar Solar bench should now be fully operational, but the following simple checks will show that it is operating properly:

- 1 Lift the rubber protection cover from each of the USB charging outlets and ensure that the blue LED is illuminated.

- 2 Cover the light sensor with your hand for a period of at least 10 seconds. After a few seconds, the LED lights under the bench should illuminate. Uncover the light sensor (with bench in daylight or a well lit area) and after a few seconds the LED lights will automatically turn off.





USB  
CHARGING  
PORTS

WIRELESS  
CHARGING  
SPOTS





RG  
P  
a



**CHARGE POINT**



**Nü-NRG**  
GROUP

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