



SOLARENA

ENGINEERING

Solar Charging Solutions



SAVE **YOUR** ENERGY

Offering Advanced Solar Engineering Solutions to our Modern Society

The most commonly known fact about solar energy is that it represents a clean, green source of energy. Solar power is a great way to reduce your carbon footprint. There's nothing about solar power that pollutes the nature.

Solarena Engineering Offers Engineering Solutions to save your daily Energy Consumption along with a big variety of Solar On-Grid and Off-Grid Thermal, Lighting, PV and Charging Solutions designed to provide off-grid Hot Water and Power in remote outdoor areas and to keep people in comfort and always connected with their loved ones to meet the everyday power needs of modern consumers.

Indoors or outdoors, private or public area, our products are designed to suit different applications to help your Project save energy, reduce cost, generate more revenue and offer a non-dispensable service to your guests, customers or employees...



SAVE YOUR ENERGY



SOLARENA
ENGINEERING

PRODUCT PORTFOLIO



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SOLAR POWERED ADVERTISEMENT BENCHES

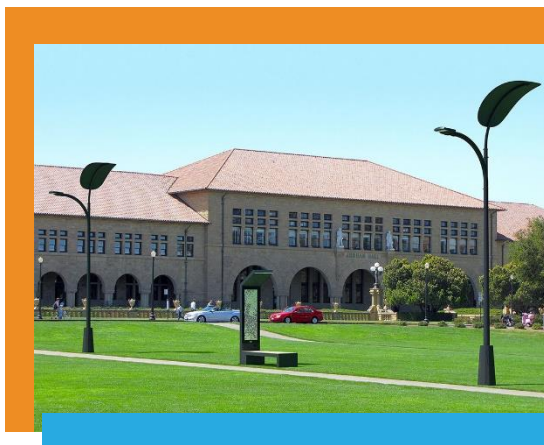
Overview

The Solar Advertisement Benches are new urban furniture pieces that will help cities, universities, retail, or business centers to create better, safer and more user friendly environments.

The Benches provide free charging option with 2 USB ports and 2 Wireless charging pads, WiFi Hot Spot, Environmental Sensors and 2 m x 0.7 m Advertisement Panel.

Features:

- High Efficiency Solar Panel.
- Advertisement Panel 2m x 0.7m size.
- Weather Resistant, works properly during rainy days.
- 2 Wireless Charging Spots.
- 2 USB Chargers.
- 4G-WIFI Router for Internet Connection.
- LED Lighting.
- Available in black and white, or in custom colors.
- Available with Integrated Screen.
- Easy Installation.



SOLAR POWERED ADVERTISEMENT BENCHES

Applications

- Parks.
- Sidewalks.
- City Squares.
- Train Stations.
- Bus Stops.
- Amusement Parks.
- University Campuses.
- Business Parks.
- Shopping Malls.



Specifications:

- 135 Output Wp PV Mono-Crystalline type Solar Module.
- LiFePO4 Lithium 60Ah or AGM Battery.
- 12V DC LED Light Display.
- USB Charging Ports 2x 10W (5V/2A).
- Wireless Charging Ports 2x Qi standard.
- MPPT Smart Solar Charge Controller.
- Operating Temperature -20 °C ↔ +65 °C
- Made of Stainless Steel and WPC Wood.
- Anticorrosion Protection.
- Height = 3.1 m.
- Weight = 255 Kg.
- 5 Years Warranty.



SOLAR POWERED BENCHES

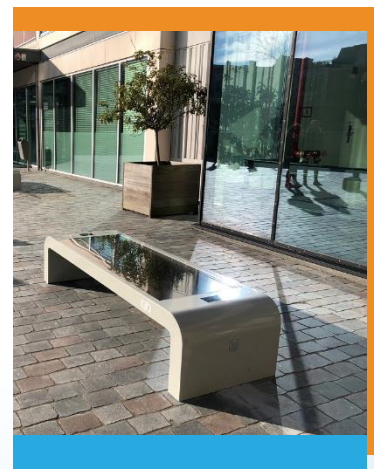
Overview

The Smart Solar Bench is a great addition to your existing street furniture. It is more than just a bench. It's a smart designed bench where people can charge their mobile devices. Everyone can sit quietly, enjoy fast 4G Internet and at the same time charge their smart-phone or tablet.

If you would like to make your urban furniture greener, a Solar Bench is a great innovative solution. It only works on clean solar energy; This energy is stored and is available 24/7. Work, study or just relax, it can all be done on this modern bench that contains two wireless chargers and four USB ports.

Features:

- High Efficiency Solar Panels.
- Mobile App Controlled.
- Fully Weather Resistant.
- 4 USB Chargers.
- 2 Wireless Charging Spots.
- 4G Wi-Fi Router for Internet.
- Connection covering up to 20 meters area
- Made of High Grade Steel or Aluminum.
- White, Blue, Green or Red LED Night Lighting.
- Available in all RAL Colors.
- Temperature Controlled Seat.
- Can be equipped with 230V Sockets for charging electric bikes, scooters and mobility scooters.
- Easy Installation.
- Made in the Netherlands.
- 2 Years Warranty.



SOLAR POWERED BENCHES

Applications

- Beach boulevards.
- Sports Venues and Playgrounds Areas.
- Bus and train stations.
- Meeting points.
- Schools and universities Campuses.
- Squares and City Centers.
- Bicycle and walking routes.



Specifications:

- High Efficiency Solar Panels.
- AGM Battery 12.6 V.
- 80 V Power Output Voltage.
- 150 W Output Power.
- 5 V, 2 Amp USB Charging Voltage.
- 5630SMD LED Lighting.
- Full Battery charging time in strong Sunlight is 2 hours and 6 hours in a Cloudy Day.
- Working hours 10 to 12 per day.
- Working Temperature is - 30° C to 60° C.



SOLAR PICNIC TABLES

Overview

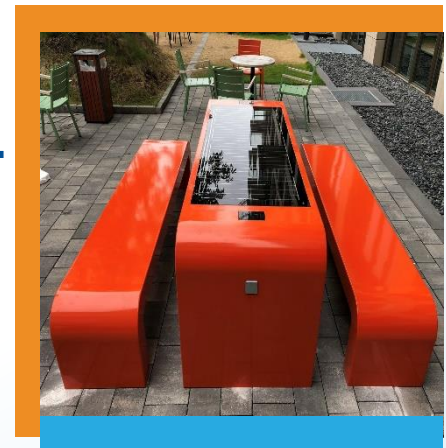
A picnic table is a great place to meet people and where you can work or study comfortably. The Solar Picnic Table is a smartly designed with USB connections that allow people to charge their mobile devices.

Everyone can sit quietly, enjoy 4G INTERNET at lightning speed and at the same time charge their smart-phone, tablet or camera. It only works on clean solar energy; this energy is stored and is available 24/7.

The Picnic Table also has two wireless Qi chargers for wireless charging of smart-phones. Recent iPhone and Samsung smart-phones are being charged by putting them on the table alone!

Features:

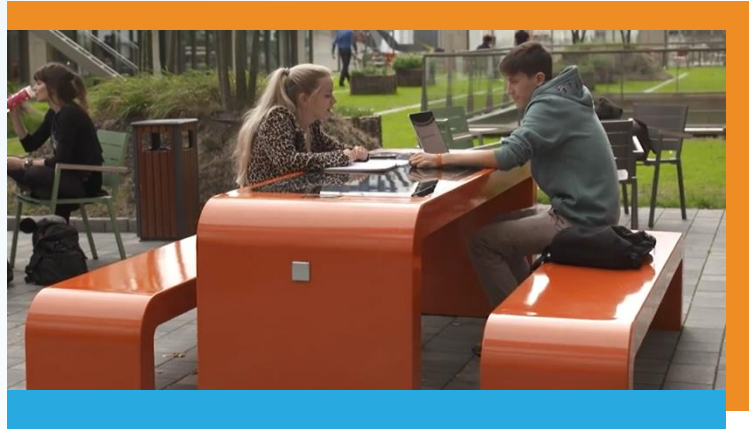
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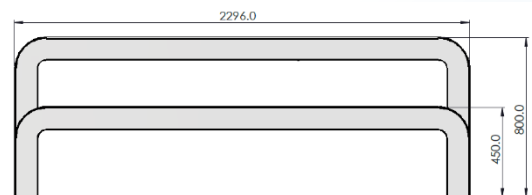
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SOLAR CHARGING LOCKERS

Overview

Our NEW state-of-the-art Solar Powered Charging Lockers are innovative solar powered designs that eliminate the need for an electrical power supply.

Our Lockers are specifically engineered to withstand rain, wind, heat and snow. Coming with removable solar panel and pole, they can be easily converted to 110V A/C power for indoor use too.

Features:

- I-Phone Lightening, USB-C and Micro USB Charging Cords.
- Ample Branding Space.
- Wheels, Floor Levelers or Permanent Mounting Option.
- Available with open bays, Mechanical or Digital Lockers.
- Adjustable Solar Panels.
- Battery Backup.
- Rain Proof, (IP64 Rating).
- Wind Resistant, withstands very high and very low Temperatures.
- 1 Year Warranty.
- Made in RSA.



SOLAR CHARGING LOCKERS

Applications

- Sports Venues and Stadiums.
- Events Arenas.
- Residential and Commercial Compounds.
- Schools & Universities.
- Corporate Campuses.
- City Parks.
- Business Districts.
- Hotels & Resorts.



Specifications:

- 100W adjustable Solar Panels.
- Battery Backup Capacity up to 12 Hours.
- IP64 Rating.
- 110V A/C Power Capacity.
- W: 736 mm - D: 711 mm - H: 2,438 mm.
- Weight = 63.5 Kg.
- High Quality UL Listed Commercial grade components.



SOLAR CHARGING TABLES

Overview

The Solar Coffee Charging Tables are a great addition to any event, restaurant, bar, food court, university, corporate lunchroom or lounging outdoor area. They are designed to resist different weather conditions and work perfectly during rain or wind times.

The Solar Charging Tables come with a removable solar panel that allows its use for indoors areas as well.

Features:

- Multiple Charging Cords for all Devices.
- Ample Branding Space.
- Wheels, Floor Levelers or Permanent Mounting Option.
- Adjustable Solar Panels.
- Battery Backup.
- Rain Proof, (IP64 Rating).
- Wind Resistant, withstands very high and very low Temperatures.
- 1 Year Warranty.
- Made in the USA.



SOLAR CHARGING TABLES

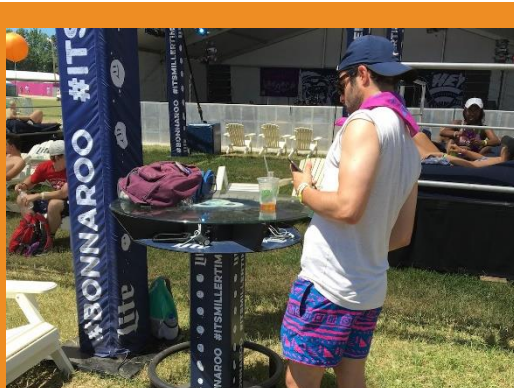
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- Schools & Universities.
- Corporate Campuses.
- City Parks.
- Business Districts.
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Specifications:

- 100W adjustable Solar Panels.
- Battery Backup Capacity up to 12 Hours.
- IP64 Rating.
- 110V A/C Power Capacity.
- D: 940 mm - H: 2,438 mm.
- Weight = 122.5 Kg.
- High Quality UL Listed Commercial grade components.



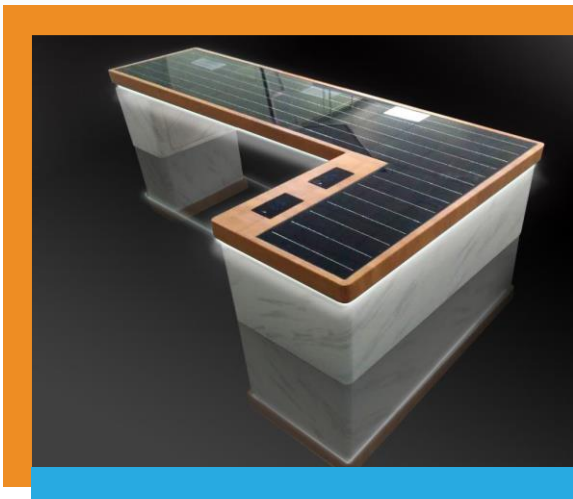
OTHER INNOVATIVE SOLUTIONS



Solar Umbrella



Solar Bus Shelter

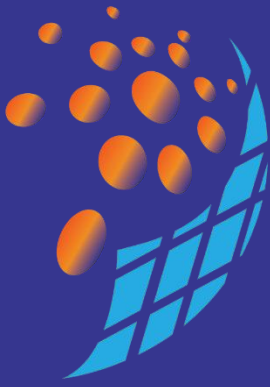


Solar Bench



Solar Bench

Contact us for more details about our other Innovative Solar Charging Solutions.



**SAVE YOUR
ENERGY**

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