

NEW ::
Smart Solar Powered
Street Furniture



**STI 251
SMART SOLAR TABLE**

TECHNICAL DETAILS*: SEE LEAFLET SOLAR



**SBI 201
SMART SOLAR BENCH**

TECHNICAL DETAILS*: SEE LEAFLET SOLAR



**SBI 101
SMART SOLAR BENCH**

TECHNICAL DETAILS*:

- Material: all-metal
- Dimensions (LxWxH): 1606x506x500mm
- Weight: 95kg
- Solar panel: 90W
- Voltage: 12V
- Battery capacity: 55Ah
- USB charging ports: 4
- Wireless charging: 2
- Optional LED strip light: white
- Optional Wi-Fi router



BSW WITHOUT BACKREST

TECHNICAL DETAILS*:

- Material: 304 stainless steel with wood
- Dimensions (LxWxH): 1600x420x500mm
- Weight: 32kg



BSW WITH BACKREST

TECHNICAL DETAILS*:

- Material: 304 stainless steel with wood
- Dimensions (LxWxH): 1600x420x500mm
- Weight: 32kg

That feeling when you're standing on the street with a dead phone

A solar bench with a phone charger and Wi-Fi connection is useful. This story is proof.

He planned it beautifully. Three transfers - and everything looked coordinated so nicely. He would be home by 9:30. But he missed already the first bus of four. Just as he was running to the bus stop, the bus disappeared around a curve. "Damn it!" And on top of that, the phone is completely dead. He didn't even blink at him anymore. "Just perfect!" The only thing he read from the timetable was that there was one last bus leaving in an hour. But then what? What's next? Will there be anything else to follow? Without his cell phone, he was like a man without a hand. Today, instead of making his bed at home, he will have to make his bed on a bench somewhere in a corner of the country. But wait... **this particular bench...**

...could charge his phone!

Kudos to the people who thought of putting a solar bench right here - with a phone charger and even, and this was especially nice given its nearly depleted data package, free Wi-Fi. This was the best thing that could have happened at that precarious moment.

When a solar bench is installed in the right place in a town or village, it becomes a really useful feature. It charges phones and tablets - via USB slots or wirelessly by induction, so passers-by don't even need their own cable. The bench can also cover its surroundings with a Wi-Fi signal. And it can even create supplementary lighting or collect data on air quality and emissions. So how to choose a suitable place?

In principle, you can place the solar bench anywhere. It is energy self-sufficient and does not need any power lines from the ground. And even the sun's rays don't have to hit its surface every day. The solar panels are so powerful and the batteries have such a capacity that the bench will charge your phone even after five cloudy days. So it works all the time - even in winter.

It can be helpful where people stay for longer periods of time.

The bus stop that saved the unfortunate latecomer's journey home is just one possibility. The area in front of the information centre is also a perfect option. There, free Wi-Fi and the ability to charge your phone or tablet is even sort of expected these days. In Czech cities, solar benches also stand in front of schools or on

university campuses. And spaces in front of libraries, museums or galleries also make sense.

And then there are specific places where people stay for longer periods of time. And where they even need charged phones - because they help them with their exercise. In fitparks, outdoor gyms and workout fields, people often spend hours watching exercise manuals from YouTube on their phones or turning on training session timers. A lot of people listen to podcasts while they exercise - they work on their fitness and educate themselves at the same time.

That's why Colmex, which has already built over 3,000 such fitness parks and outdoor gyms in Czech towns and villages, has developed its own solar bench. But you may be thinking of a similar counter-argument as the author of this article: Can't a vandal destroy the solar bench?

Twelve years ago, Vladimír Havlík, the owner of Colmex, used to hear that people would never exercise outside on the street. And today, outdoor gyms are quite common in towns and villages and people have taken them for granted. Vladimír Havlík sees it similarly with solar benches: "We want things around us to be nice and useful. And this is the next step on our journey." In addition, the solar panel is protected by scratch-resistant tempered glass and the electronics are concealed under a stainless steel structure with IP65 to IP67 protection - so rain and snow are considered.



And how to choose a place in your town?

Solar benches in towns, villages and also in entertainment resorts, such as Lipno, are increasing. But then again, there's no need to have one in every 50 metres of a city park. It's even unnecessary. In a small village, one is quite sufficient - but it must be conveniently located. In a place where the most people - locals or tourists - will benefit from it. Here are some examples of suitable places:

- › at outdoor gyms and fitness parks,
- › close to bus stops and train stations,
- › in front of an information centre, library, museum or any office,
- › at schools or campuses,
- › in a park or natural swimming pool.

The Colmex solar bench is manufactured in the Czech Republic. And it can be beneficial for you too. Start your journey at www.colmex.eu.



Smart Solar Powered Street Furniture

We move
public space



- ▶ Functional **solar furniture** that you must have
- ▶ **Charge** not only mobile devices and gadgets
- ▶ Wherever you place it
- ▶ Combination of **proven materials**
- ▶ **All-stainless steel** or all-steel powder-coated design
- ▶ **Luxury tempered glass** or polycarbonate
- ▶ Exclusive design and long term added value
- ▶ **Free energy** anywhere you place it

Meet our concept of modern solar outdoor office

SOLAR BENCH



SBI 201

TECHNICAL DETAILS*:
Material: 304 stainless steel
Dimensions (LxWxH): 1606x506x500 mm
Weight: 100 kg
Solar panel: 90W
Voltage: 12V
Battery capacity: 55Ah
USB charging ports: 4
Wireless charging: 2
Optional LED strip light: white
Optional Wi-Fi router



SOLAR TABLE



STI 251

TECHNICAL DETAILS*:
Material: 304 stainless steel
Dimensions (LxWxH): 1846x806x760 mm
Weight: 140 kg
Solar panel: 180W
Voltage: 12V
Battery capacity: 55Ah
USB charging ports: 4
USB-C charging ports: 2
Wireless charging: 2
Optional LED strip light: white
Optional Wi-Fi router



SOLAR PANEL

Certified with longterm warranty



WIRELESS CHARGING

No cables needed



GLASS

Luxury tempered glass or polycarbonate



USB / USB-C

IP67 waterproof and dust protection



BATTERY

Charge not only mobile devices and gadgets



DESIGN

Exclusive design and long term added value

BENEFITS

Long life green solar energy. Everyday charging. Your energy anywhere you need. Anywhere you place it. For free, for all.

DESIGN AND MANUFACTURE

We will create design and custom-manufacture anything for you and we will adjust any of our products for you in terms of size, function or material and its colors.

SERVICES

Start with our 2D or 3D visualizations we will provide you with for free according to your and your customer's needs.

DELIVERY

Order today. We deliver tomorrow. Safety first. TÜV SÜD Certified.

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