

# TECHNICAL SHEET



LED LIGHTING



USB CHARGER



OFF GRID  
ON GRID



POWERED BY  
GREEN ENERGY



SELF-SNOW  
REMOVAL



INDUCTIVE  
CHARGER



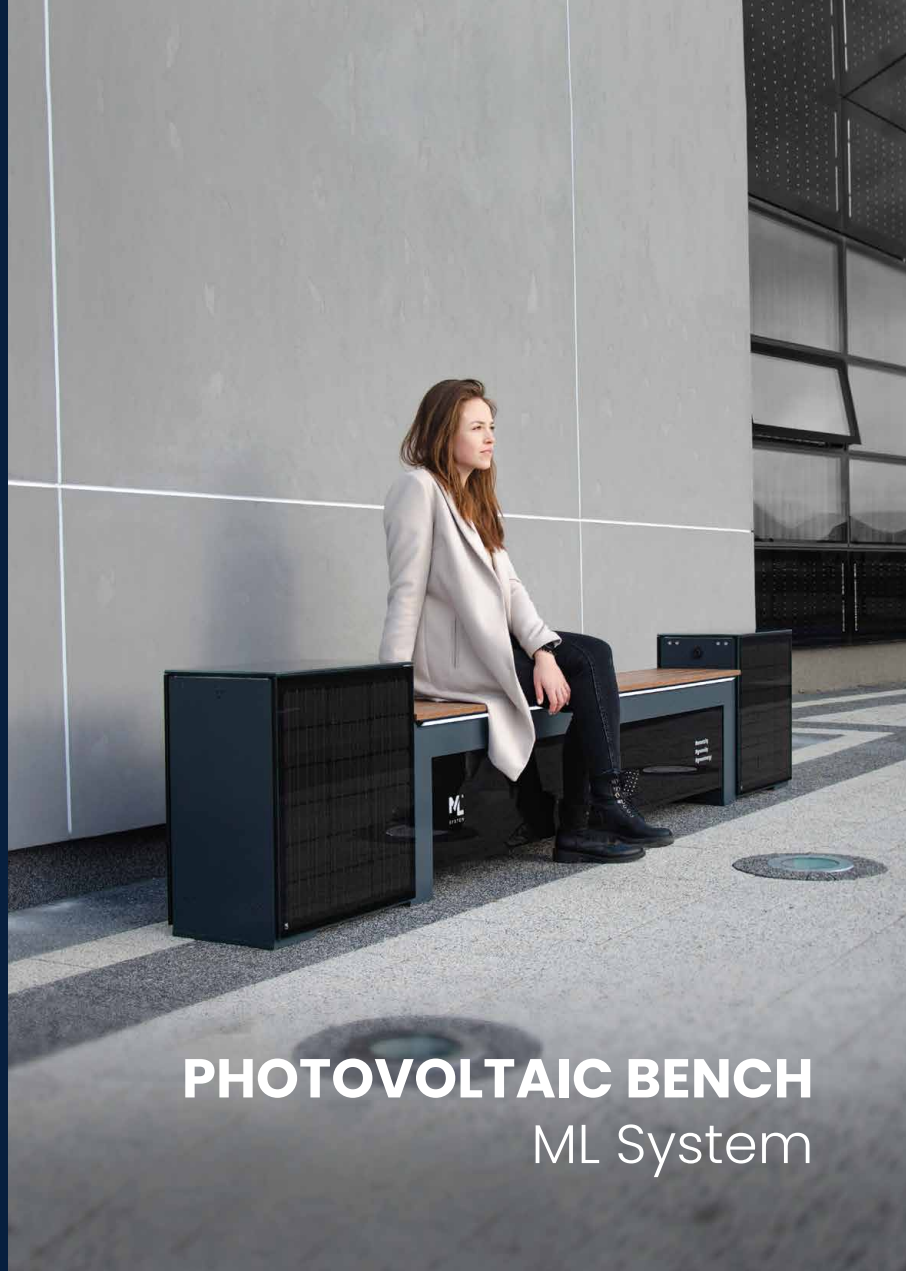
PERSONALIZE  
CAPABILITY



CERAMIC  
OVERPRINT



HEATED  
SEAT



## PHOTOVOLTAIC BENCH ML System

A photovoltaic bench is an innovative and ecological solution that is a response to the need for ecological solutions in public urban spaces. The PV bench is a combination of several amenities that significantly increase the comfort of the users. The smart bench is equipped with features, such as mobile devices charger (both via USB and inductive charging), a heating seat, LED lighting, defrost function, and all that thanks to the free energy, produced in photovoltaic modules located in the housing of the bench.

ML System activities areas:



Photovoltaics integrated  
with the construction  
industry



Smart  
cities



New  
quantum era



Specialized research  
and development  
department



World breakthrough  
in medical  
diagnostics



Specialized  
glass production



Standard  
photovoltaics

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# Photovoltaic Bench

Simple | Simple+ | WarmOn

## Technical parameters

PV Power	215 [Wp]
Heated seat power	790W
Inductive charger	✓ - 2pcs
USB Charger	✓ - 2pcs
Seat illumination	2 - 20 W
Battery	Gel 45AH
Length	3160 [mm]
Height	599 [mm]
Width	319/380 [mm]

Functionalities:	Simple	Simple+	WarmOn
Ceramic overprint on the front glass	●	●	●
PV Modules	●	●	●
Mobile device charger	●	●	●
Seat lighting (LED)		●	●
Heated seat			●
ON-Grid			●
OFF-Grid	●	●	

## Personalize capability:

- Changing the color of the glass
- Changing the content of the overprint
- Changing the color of the lighting under the seat
- Changing the length of the bench
- Seat: Glass/Wood

Provided parameters refer to the finished ML System product.  
It is possible to present an individual design of small architectural elements, which will be quoted individually.

