

## Smart City Shelter

Off-grid, power independent

Dynamic information for passengers

Luminescence enhancement

E-ink screens

LED lighting

Helioenergia Bi-Facial Modules electrical power generation

Wi-Fi Communication

Innovative design

Emergency safety button

## Manufacturer:



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The first step towards smart city. Helio Bus Shelter was designed to fit into the architecture of modern metropolises powered by information. Thanks to the innovative usage of solar energy, Helio Smart Shelter has low power consumption is fully power independent and stays environment and user friendly. E-ink screens provide passengers with all sorts of valuable information. The construction is modular and can be upgraded with additional technologies.





MODEL HSS	9.0
shelter height	2.45 m
totem height	2.95 m

totem height	2.95 m
length	9.00 m
width	1.50 m

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MODEL HSS		• •

shelter height	2.40 m
totem height	2.90 m
length	7.50 m
width	1.50 m







- the name of the bus stop is integrated with shelter glass

- photovoltaic cells as a decorative element in the shelter glass

MODEL HSS



Technical specifications



- easy assembly of the entire structure

6.0

- construction integrated with the floor

MODEL HSS



Photovoltaic modules with two active layers generate electrical energy from the light falling from both above and below them.



## Innovative Photovoltaic Panel Luminescent Solar Concentrator

- the whole shelter roof covered with photovoltaics cells

- visual effect - shining edge with Luminescent effect





## **Smart City Is Coming**



First Step Towards Smart City





Contact: HELIOENERGIA Sp. z o.o. ul. Rybnicka 68, 44-238 Czerwionka-Leszczyny , Poland www.helioenergia.com email: info@helioenergia.com







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