



OPTIONS

Seat

- soft wood
- hardwood of European origin
- hard wood (oil finish)
- premium hard wood

Methods of installation

- attached by bolts to foundation

Additional bicycle rack

- none
- left side
- right side

Sound module

- none
- bluetooth speaker
- speaker with built-in memory

Battery pack

- gel batteries 55 Ah
- lithium batteries 40 Ah

Wi-Fi hotspot

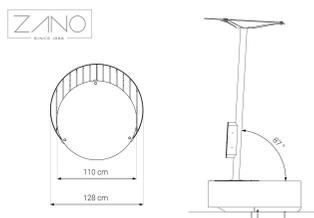
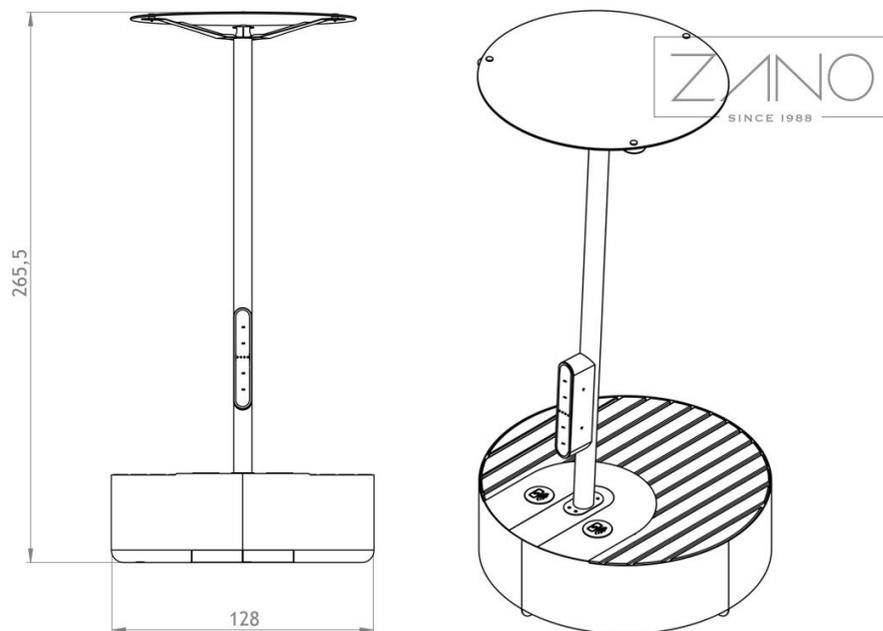
- none
- 2.4 GHz; 3G, 4G (no SIM card included)

LED lights

- 2 x 1m (4.8 W / 1m) - neutral white

DESCRIPTION

Solar charging station Universe, an extraordinary designed street furniture. It's powered by a high-end, glass-glass photovoltaic panel mounted above the seat. The construction is made of carbon, galvanized and powder coated steel or stainless steel, finished with softwood or hardwood. As a standard Universe has six USB A ports supporting quick charge, two wireless chargers and...



GENERAL TECHNICAL DATA

Materials

- powder-coated structural steel
- wood: spruce, pine or exotic wood

Electrical specifications

- max. output of the photovoltaic panel: 118 W
- battery capacity: 55 Ah
- working temperature: -20°C - 60°C

Basic equipment

- ambient lighting
- battery charge indicator
- two inductive chargers
- four USB A charging ports: 2 x 3.0, 2 x 2.0

Dimensions

- width: 128 cm
- length: 128 cm
- height: 267 cm
- seat height: 42 cm

Weight

- soft wood: 182 kg
- hardwood of European origin: 189 kg
- premium hard wood: 197 kg

ZANO



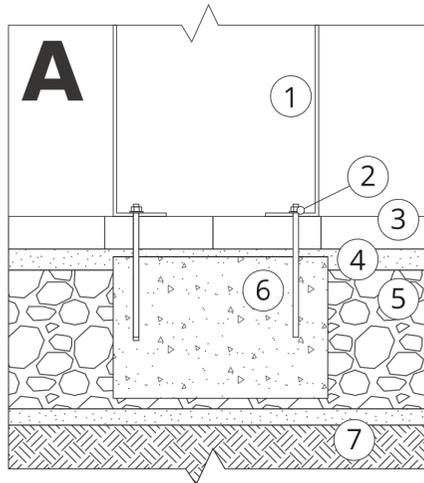
Filip Babiarz

Product:
Solar charging station Universe
Catalog number: **19.055**
Designer: Filip Babiarz

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NOTE: The drawings do not reflect the actual dimensions of the foundation. They are only exemplary assembly schemes taking into account the type of anchoring and the substrate material to which the furniture is to be fixed.

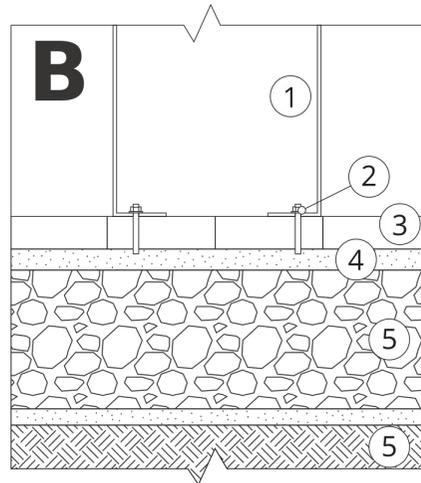
The size of the foundation depends on the local foundation conditions.



INSTALLATION INTO PAVING WITH FOUNDATION

Description of the assembly

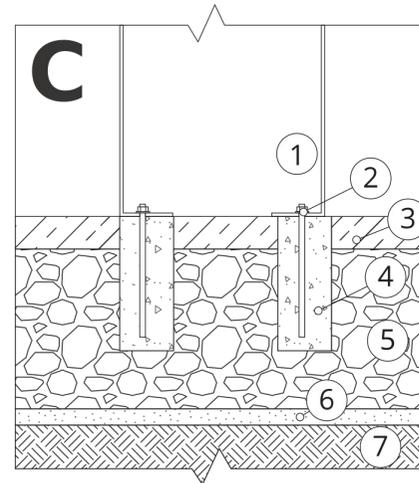
1. ZANO product
2. Quick-action fastener or chemical anchor
3. Stone paving / concrete paving / stone slabs / concrete slabs
4. Sand ballast (approx. 2 - 4 cm)
5. Stone aggregate substructure
6. Concrete foundation, class C16/20 (top surface concrete 10 cm below paving surface)
7. Ground



INSTALLATION TO PAVING

Description of the assembly

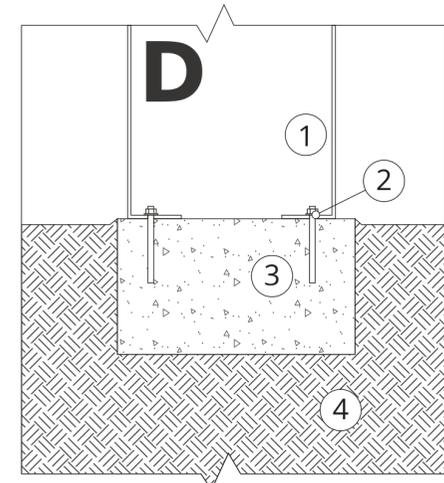
1. ZANO product
2. Quick-action fastener or chemical anchor
3. Stone paving / concrete paving / stone slabs / concrete slabs
4. Sand ballast (approx. 2 - 4 cm)
5. Stone aggregate substructure
6. Ground



CONCRETE / ASPHALT MOUNTING

Description of the assembly

1. ZANO product
2. Quick-action fastener or chemical anchor
3. Fixed hardened surface e.g. concrete or asphalt
4. Concrete foundation, class C16/20 (top surface concrete 10 cm below paving surface)
5. Stone aggregate substructure
6. Sand ballast (approx. 2 - 4 cm)
7. Ground



MOUNTING TO CONCRETE FOUNDATION

Description of the assembly

1. ZANO product
2. Quick-action fastener or chemical anchor
3. Concrete foundation, class C16/20 (top surface concrete 10 cm below paving surface)
4. Ground