

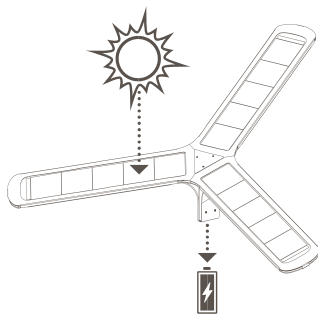


ESF Street Charge

Technical Specifications

Street Charge utilizes the latest in solar and battery technology to stay powered up.

During the day, three 20 watt monocrystalline solar panels collect energy to charge up powerful internal batteries enabling Street Charge to power up phones, tablets and other devices, even when the sun isn't shining.



Street Charge will function best in bright direct sun and should be positioned where it can receive as much direct sunlight as possible, but the highly efficient solar panels collect the sun's power even in cloudy conditions.

Street Charge will charge a device as fast as a wall socket, usually about two hours from empty to full, although it depends on what you're charging.

There are six USB ports in all:

- 3x Micro USB
- 1x iPhone 5
- 1x iPhone 4
- 1x Female USB

Solar Panels

| | |
|----------------------|---------------------|
| Rated Power | 60W (3x 20W panels) |
| Open Circuit Voltage | 20-22V |
| Cell Type | Monocrystalline |

Battery

| | |
|---------------|-------------------------|
| Cell type - | Li-NMC |
| Pack capacity | 168Wh (11V, 15.6Ah) |
| Shelf-life | charge every 3-6 months |
| Fuses | 15A, standard car fuse |

(Charging low-battery protection management built-in)

Lights

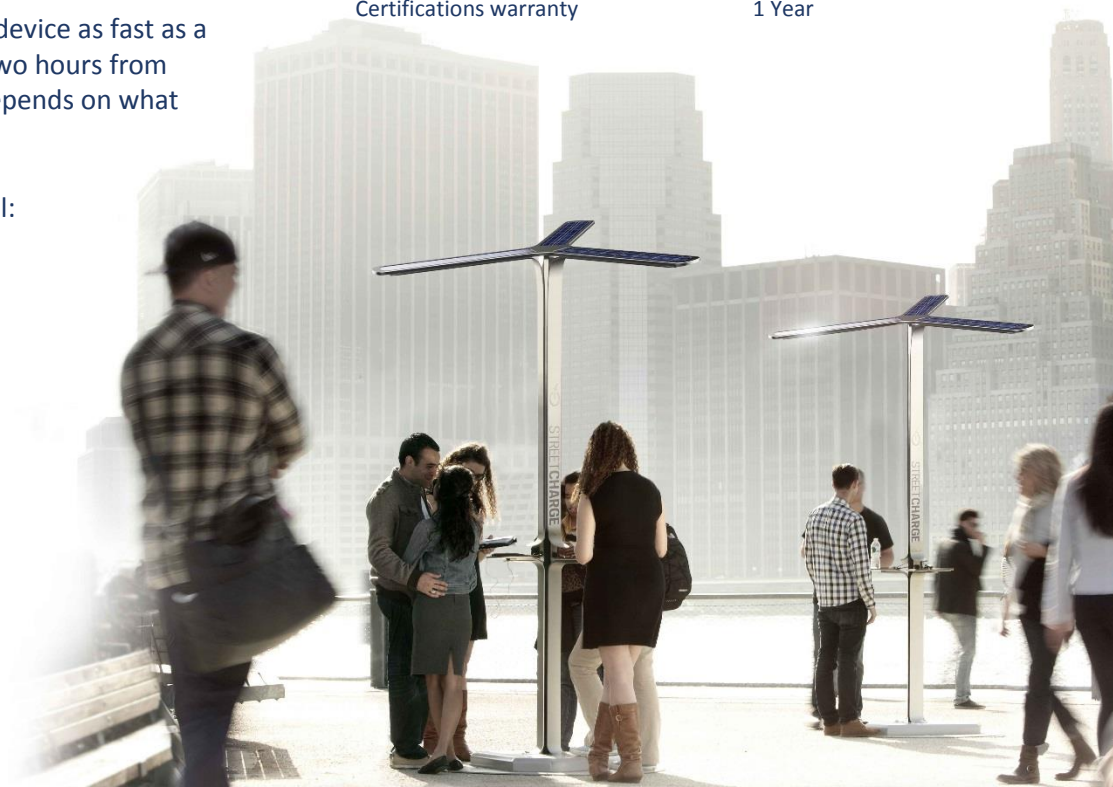
| | |
|--------------|------------------------|
| LED (output) | 12W 6 x 2W Green LED's |
|--------------|------------------------|

Ports

| | |
|---------------------------|------------------------|
| Apple 30 pin connector | 5V, up to 2A (10W max) |
| Apple Lightning connector | 5V, up to 2A (10W max) |
| Micro USB connector | 5V, up to 2A (10W max) |
| Female USB | 5V, up to 2A (10W max) |

General

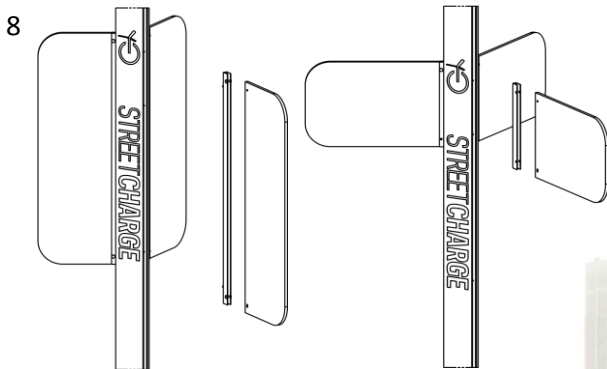
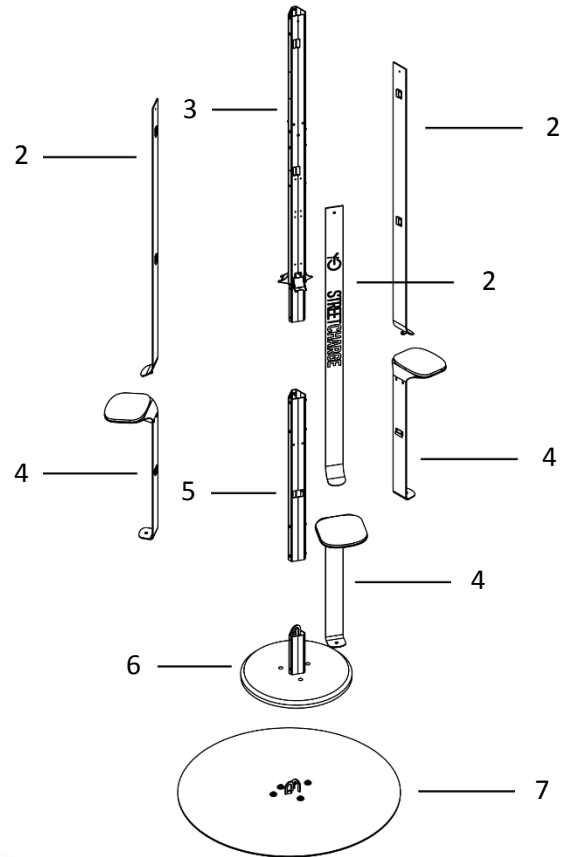
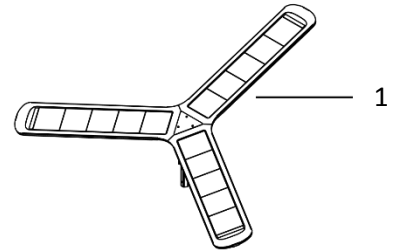
| | |
|-------------------------|--|
| Weight | 200 lbs (90.7 kg) |
| Dimensions | 63 x 54 x 150 in 160 x 137 x 381 cm |
| Operating usage temp. | 32-104° F (0-40° C) |
| Certifications warranty | 1 Year |



environmental street furniture



- 1. **Solar Panels** Three 20-Watt monocrystalline solar panels
- 2. **Aluminium Side Panels** Pre-assembled and attached panels
- 3. **Upper post** Steel, powder coated, core for batteries/electronics
- 4. **Charging tables** Aluminium with composite tops
- 5. **Lower post** Steel, powder coated post
- 6. **Top base** Steel, powder coated - for temporary and permanent use
- 7. **Bottom base** Steel, powder coated - for temporary use
- 8. **Signage brackets** Horizontal and vertical U-channel brackets for signage



environmental street furniture



Positioning of Street Charge

When you are deploying Street Charge, you should ensure that you find a flat and level area to locate the unit to ensure there is no risk of the unit moving.

To ensure efficient collection of energy within the unit to adequately replenish its internal batteries, your Street Charge unit needs plenty of sun.

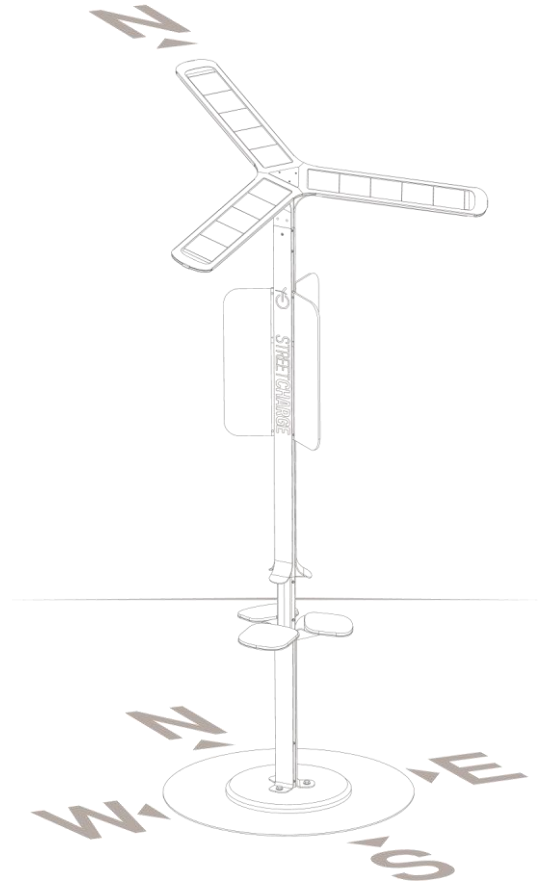
Locate your Street Charge unit with clear access to the sky, away from trees and during the setup process, you will be orienting the Street Charge Unit so that the solar panels face south.

(As shown in the diagram)

Street Charge Opportunities

Street Charge is an ideal solution for developers, city planners and architects who are creating and reclaiming outdoor spaces for people to congregate and enjoy the outdoors.

It's also ideal for revenue opportunities for retail, street vendors.



Yours faithfully

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