

Steora City smart bench is the world most powerful bench ever created.

City shares same technology and core features as the Classic model, but with wider set of additional options.

When equipped with optional LCD display and advanced AI camera for precise DOOH advertising, City becomes a perfect option for high frequent locations, thus creating revenue and ROI - already proven in several cities around the world.

Our new City model also provides fast wireless charging and network of reliable sensors which gather information in bench surrounding - all packed in self-sustainable and environmentally friendly product with refurbishing option.

Dimensions

1800 x 505 x 440 mm

Weight

65 kg

IK rating

IK08

Materials

alu-zinc, aluminium, hot-dip zinc coated steel [EN10346], galvanized low carbon steel [ISO 2081]

Operating temperature

-20°C to 50°C

Operating Humidity

(RH) 0-100%

Environment

C4/C5* (*on request)

IP rating

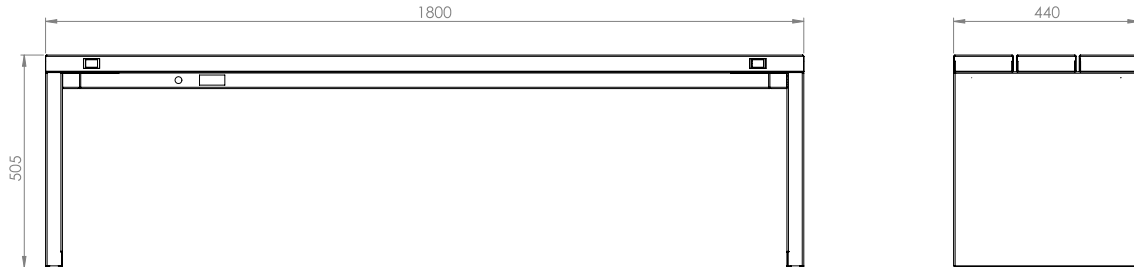
IP54/IP2X

Noise level

30 dBA

Maximum load per beam

250kg



PV modules

Combined rated power
100 W

MPPT tracking speed
<100ms

Combined efficiency
50.00%

MPPT for each beam
Yes

Qi wireless charging

Rated power
10 W

Range
6 mm

Qi efficiency
Up to 80%

Qi activation time
<2s

LED ambient light

Rated power
8 W

Color temperature
4500 K

Dimmable
Yes

Time controlled light
Yes

Li-ion battery pack

Total energy
190 Wh

Rated voltage
11.1 V

Max. voltage
12.6 V

Peak power
400 W

Continuous power
300 W

Over current protection
40 A

Over discharge protection
<3 V per cell

Short circuit protection
<100µs

Cell balancing
Yes

State of charge indicator
Yes

Sensors

Pressure sensor
700 ~ 1100 hPa

Humidity sensor
0 ~ 99 %RH ±2.0 %RH (20-80%RH)

Temperature sensor
-40°C to 85°C ±2 °C

Occupancy sensor trigger
20 kg

Seating surface cooling system

Rated power

10 W

Air flow

52 CFM

Temperature trigger

20°C to 45°C

Noise level

30 dBA

Internal server communication system

GSM band

850/900/1800/1900 MHz

Transmitting power

Class 4 (2W) at 850/900MHz, Class 1 (1W) at 1800/1900MHz

GPS type

22 tracking (66 acquisition), GPS L1 C/A code

Accuracy

GPS L1 C/A code