

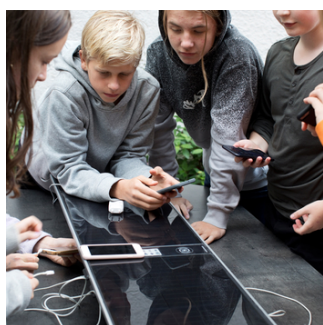
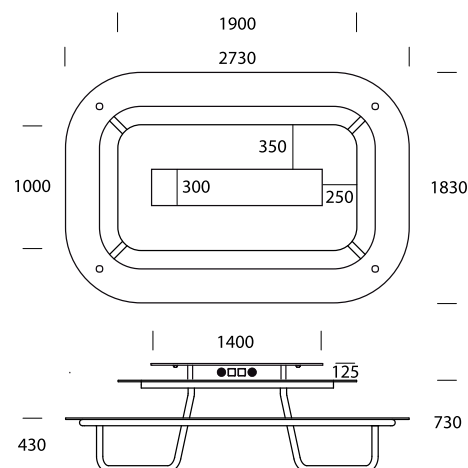
FACTS

SUNHUB # 189

Power to the people – and sound and light. SunHub elevates Plateau Picnic to another level. SunHub adds a third ‘plateau’ to the furniture, enabling new technical features and new application possibilities. With SunHub, Plateau Picnic become more than just a piece of furniture, it becomes a social ‘hub’. It allows users to listen to music via the built-in speakers and Bluetooth connection, charge their phones wirelessly or by cable and PC-charging. In the evening light from the SunHub grazes the tabletop, creating a cozy atmosphere.

The SunHub is 100% solar powered, resistant to weather conditions, intelligently controlled and CO2-neutral.

Design: Holscher Design



TECHNICAL DATA

Materials + surface

Base and top: Steel, galvanized and powder coated in matte silver texture. RAL 9006, texture, gloss 10

Solar panel glass: 4mm tempered glass with integrated solar panel

Display top: 3mm Break-free polycarbonate (PC)

Dimensions & weight

L1400 x W305 x H130 mm (L55" x W12" x H5,1"), 43 kg (95 lbs)

Solar cells

Monocrystalline black solar cells, combined 60W of power – laminated onto 4mm tempered glass.

Battery

Panasonic 12V/15Ah, cycle-battery Faston 250 with a nominal lifetime of 4-5 years. A fuse is connected to the battery "+", to avoid short circuiting, in case of malfunction. The fuse is removed before the battery is replaced. 2-year warranty.

Electronics

Intelligent processing for efficient energy storage and optimal function of all product features. Built-in RTC-clock.

Storage mode

Sunhub is delivered in 'Storage mode'. The electronic components are in sleep mode to conserve battery charge during delivery. When Sunhub has been exposed to daylight, or powerful artificial light, for approximately two hours, the product features will automatically turn on. When the product is functional, 'Storage mode' will disappear from the display.

Non-optional features

The integrated LED-strip underneath the solar panel, fitted on both sides, automatically turns on when it gets dark, via a preprogrammed clock, programmed specifically for the customer's location. The light is dimmed to 20% when no people are around. During the long winter nights, the light is turned off to preserve battery charge.

LED: 2 x 1200mm, white, 3000K

Display

The display is built into the top part of the Sunhub, just under the display-glass. It shows the icons and battery status on the optional features. The battery status is depicted as a canister with three markings. (no power, approx. half power, and approx. full power)

PIR-motion sensor

Underneath the solar panel at each end, motion sensors (PIR) are mounted. They sense movement up to 3 meters from the table.

When the motion sensor senses movement, it signals the SunHub to turn on the electronics features in SunHub. If there is no movement for 60 sec. the electronics go back into 'sleep mode'. If the light is on, it will dim to 20% power, when the motion sensor senses no movement. When the motion sensor is activated the light goes back, up to 100% power.

Optional Features

Power charging

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Qi

Under the display glass 2 x Qi chargers for wireless charging is built in. Both Qi chargers are 10W.