

STATIONSUN – with motion detector



Fig.: STATIONSUN at a bus stop

PV Energypillar with LED lighting element

- Energypillar with 4 solar modules SM 12-900 proven EPS Soltec module technology. Straightened in all cardinal points
- Control unit with charge electrics, protection against total discharge and motion detector for a most efficient use of the battery
- LED lighting module
- Resistant to saltwater

Illuminating LED lighting module:

LED's:

basic light:

main light:

annual lighting time:

total lighting performance of LED's:

luminous flux:

LED life:

dimensions of light:

LED tape, light does not attract insects

6.500 – 7.000° K (CW)

(20% of the light power) light all night is activated by a motion detector up to 100%

> 4.200 hours

4 W (corresponds to circa 60 W light-bulb)

> 360 lumen

> 50.000 hours

1 piece (64 LED's) 30 mm x 30 mm x 800 mm alternatively

2 pieces (à 32 LED's) 30 mm x 30 mm x 400 mm

PV Energypillar:

material light housing:

standard colour:

4 PV modules by EPS-soltec à

power Pmpp of each module:

power Pmpp of energypillar (= 4 modules):

battery NiMH (high-temperature-battery)

capacity:

powder coated Aluminium

anthracite

36 pcs monocrystalline silicon solar cells

16 W

64 W (PV-capacity corresponds to circa 40 W)

11 Ah (for extra charge)/9,6V

batteries charges even on cloudy days

(8 to 15 % of module power)

5 to 6 years

battery NiMH life:

dimensions:

237 mm x 237 mm x 655 mm

weight:

15 kg

measures and weight for transport:

1.003 mm x 340 mm x 320 mm

16 kg

guarantee/warranty:

2 years