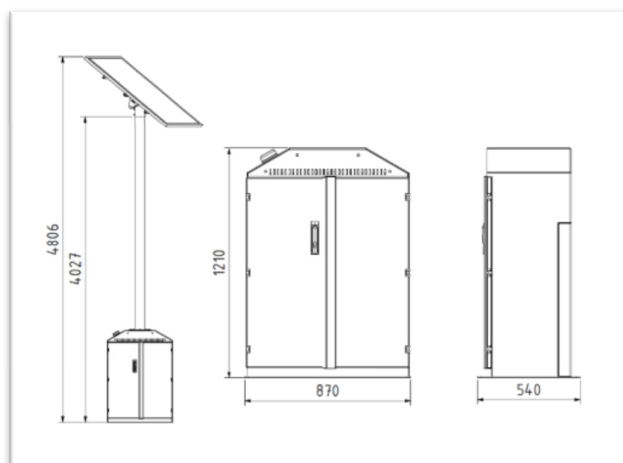


# Daystar

- > Modular concept
- > Proven technology
- > Autonomous operating
- > Reliable
- > Extended monitoring options
- > Cost effective
- > Customisable



## Specifications

### Dimensions cabinet

<b>Outside width:</b>	850 mm
<b>Outside depth:</b>	450 mm
<b>Outside height:</b>	1210 mm
<b>Weight:</b>	264 kg

### Dimensions mast

<b>Outside diameter:</b>	121 mm
<b>Inside diameter:</b>	115 mm
<b>Height:</b>	1500-2900 mm
<b>Weight:</b>	18-29 kg

### Dimensions Solar top

<b>No. of panels:</b>	1-3
<b>Installed PV Power:</b>	240-720 Wp
<b>Outside width:</b>	800-2400 mm
<b>Outside depth:</b>	100 mm
<b>Outside height:</b>	1600 mm
<b>Weight:</b>	24-58 kg

### Power output

<b>Guaranteed continuous output power</b>	100 Watt
<b>Guaranteed average output power / 24h</b>	2400 watthour
<b>Possible output voltages:</b>	5-48Vdc, 110-230Vac (50/60 Hz)
<b>Maximum peak output power:</b>	1600 watt (up to 3000 watt discussable)

### Fuel cell

<b>Manufacturer:</b>	SFC Energy
<b>Available models:</b>	EFOY Pro 800, EFOY Pro 2400
<b>Methanol storage:</b>	2 x 28 liter
<b>Output power:</b>	35 watt, 100 watt

## Autonomy

Autonomous operation periods and methanol consumption are highly dependent on geographical location, installed PV wattage and power output. Below some system set-ups to illustrate capabilities. Please contact our sales department about our Energy calculator.

### Example A

<b>Location:</b>	Netherlands, Amsterdam
<b>System set-up:</b>	Safety camera, 40W daytime, 75W night.
<b>Installed PV power:</b>	240 Wp
<b>Visits per year:</b>	6
<b>Methanol usage:</b>	290 liter

### Example B

<b>Location:</b>	Denmark, Copenhagen
<b>System set-up:</b>	Traffic lights, 100W continuously
<b>Installed PV power:</b>	480 Wp
<b>Visits per year:</b>	9
<b>Methanol usage:</b>	452 liter

### Example C

<b>Location:</b>	Sweden, Kiruna
<b>System set-up:</b>	Forest fire detection, 15W continuously
<b>Installed PV power:</b>	240 Wp
<b>Visits per year:</b>	1
<b>Methanol usage:</b>	42 liter