



## PROSOLAR BIRDS PSB



VIDEO

### PROSOLAR BIRDS PSB : WHY ?

Birds and the excrement they produce are a serious problem for photovoltaic panels, since they reduce their productivity, and create hot spots that reduce their useful life, rendering them unusable.

The PROSOLAR BIRDS PSB device is designed to discourage birds from settling on photovoltaic panels, eliminating the problems they cause with their droppings, without injuring or harming the birds.

### HOW DOES IT WORK ?

The PROSOLAR BIRDS PSB device works by wind, a slight breeze is enough to activate it. The action of the wind creates random movements, completely deterring birds.

PROSOLAR BIRDS PSB is made up of a central axis with 2 extendable rods and 2 autonomous fins /flaps. It incorporates a universal support in its lower part, adaptable to all photovoltaic panels. It has been specially designed to be placed between the panels, without the need to be screwed into the profiles of the panels, nor to glue or drill them, which preserves their warranty.

PROSOLAR BIRDS PSB can be installed in operational plants, but also in new projects.

The 2 telescopic rods are extendable from 2.2m to 3.8m in diameter. Depending on its fixing location, a single PROSOLAR BIRDS PSB device can cover from **two** 2x1m panels to **eight** 2x1m panels.

The PROSOLAR BIRDS PSB device is compatible with a panel inclination of up to 10°. Above this inclination, the use of the optional support PSB TILT COMPASS SUPPORT (ref. 1010024) is recommended.



## TECHNICAL CHARACTERISTICS :

COMPONENTS	
ROTOR	ACETATE RESIN
FLAPS	POLYAMIDE 6-6 – WITH UV8 TREATMENT
BARS	ANODIZED ALUMINUM -20 MICRONS
ROTOR INTERNAL MECHANISM	BRONZE – STAINLESS STEEL AISI 304
FIXATION + SCREWS	STAINLESS STEEL AISI 304
BAR DISTANCE REGULATOR	ACETATE RESIN
DIMENSIONS & WEIGHT	
HEIGHT X DIAMETER	27 CM X 2,20M (UP TO 3,80M)
WEIGHT	810 GRAMS
RESISTANCE	
TEMPERATURE	-50°C UP TO +180°C
ULTRAVIOLET RAYS	UV8
WIND	UP TO 180 KM/H
SHADOW INTERFERENCE	
STRUCTURE	THE IMPACT OF THE SHADOW ON THE PHOTOVOLTAIC PANEL IS INSIGNIFICANT, CONSIDERING ITS SMALL DIMENSIONS AND THE DIAMETER OF THE SMALL CENTRAL STRUCTURE (1CM). IN COMBINATION WITH THE EARTH'S ELLIPTICAL ROTATION MOVEMENT ON ITS AXIS (30 KM/S), THERE IS NO STATIC OR PERMANENT SHADOW AT THE SAME POINT OF THE PANEL.
FLAPS	THERE IS NO POSSIBILITY OF SHADOW INTERFERENCE ON THE PHOTOVOLTAIC PANEL, TAKING INTO ACCOUNT THE CONSTANT MOVEMENT OF THE BLADES WITH THE SLIGHTEST BREEZE.

REF.	EAN	DESCRIPTION	TARIC CODE	UNITS (MASTER CARTON)
9090010	8400852909001	PROSOLAR BIRDS PSB DEVICE	3926909790	INDUSTRIAL BOX OF 9 UNITS
1010024	8400852100248	PSB TILT COMPASS SUPPORT (OPTIONAL)	3926909790	1 UNIT

### OPTIONAL PSB TILT SUPPORT REF.



PROUDLY  
DESIGNED &  
MADE IN EUROPE

