

# PX 85

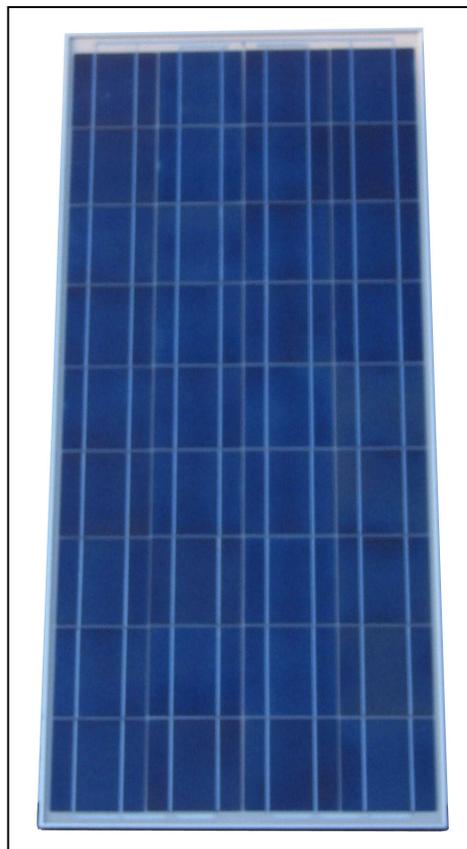
## Manufacturer SUNSET

The solar module PX 85 consists of 39 cells Apex. The cells are made of poly-crystalline silicon and distinguish themselves by particularly high electricity output, even on cloudy days. The total power amounts to 85 watts.

A specific feature of the module is the homogeneous color. The bright background of the cell and the black aluminium frame give a harmonious appearance.

The tried and tested module design protects the solar cells against moisture, gives UV stability, and allows for thermal expansion. The front covering is made of top quality tempered solar glazing. The solar glazing and the solar cell laminate are joined together into a unit and mounted in a torsion resistant frame, made of anodized aluminium. Thus modules are well protected from mechanical and climatic influence. The electric connection is housed in a weatherproof wiring box at the back into which also the protective diodes are integrated.

The solar generator PX 85 is used in small solar arrangements and also in off-grid house and telecommunication applications. Because of the high current this module type is very well suited to battery charging.



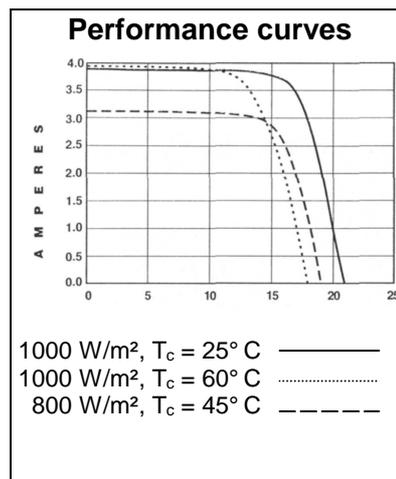
## Technical specifications

Rated power $P_{max}$	[W <sub>p</sub> ]	85
Rated current $I_{MPP}$	[A]	4,85
Rated voltage $U_{MPP}$	[V]	17,5
Short circuit current $I_K$	[A]	5,50
Open circuit Voltage $U_L$	[V]	21,5
Max. Systemvoltage	[V]	600
Length	[mm]	1477
Width	[mm]	660
Height	[mm]	35
Weight	[kg]	11,9

## Limited warranty for 20 years power output

$W_p$  = peak power under test conditions:  
 Air Mass AM = 1,5  
 Radiation E = 1000 W/m<sup>2</sup>  
 Cell temperature  $T_c$  = 25° C

**Certification:**  
 CE-feature



## Junction Box

Cable Dimension: max. 4 mm  
 Humidity Protection: IP 54  
 screw joint: PG 16

