

PX 55

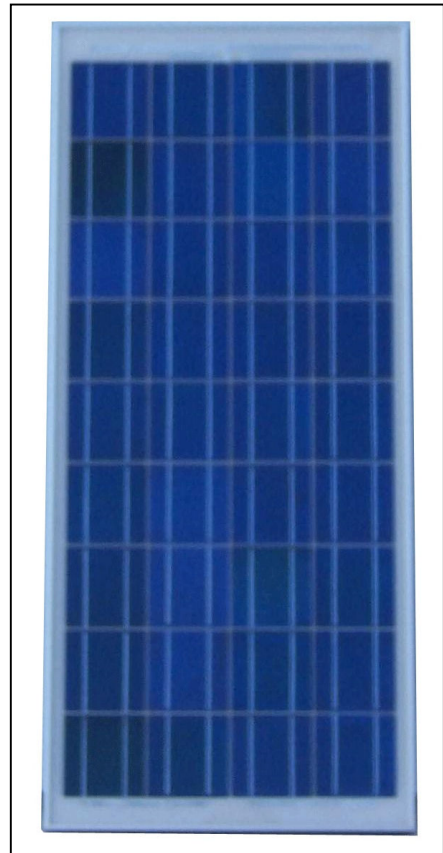
Manufacturer SUNSET

The solar module PX 55 consists of 36 cells 4 ". 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 55 watts.

A specific feature of the module is the homogeneous color. The bright background of the cell and the 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 55 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.



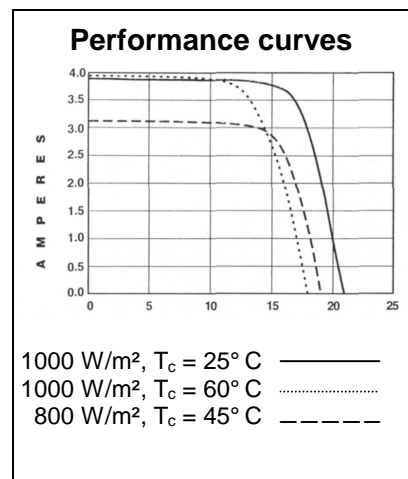
Technical specifications

Rated power P_{max}	[W _p]	55
Rated current I_{MPP}	[A]	3,2
Rated voltage U_{MPP}	[V]	17,1
Short circuit Voltage I_K	[A]	3,50
Open circuit Voltage U_L	[V]	21,3
Max. Systemvoltage	[V]	600
Length	[mm]	980
Width	[mm]	450
Height	[mm]	35
Weight	[kg]	5,5

Limited warranty for 20 years power output

W_p = peak power under test conditions:
 Air Mass AM = 1,5
 Radiation E = 1000 W/m²
 Cell temperature T_c = 25° C

Certification:
 CE-feature



Junction Box

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

