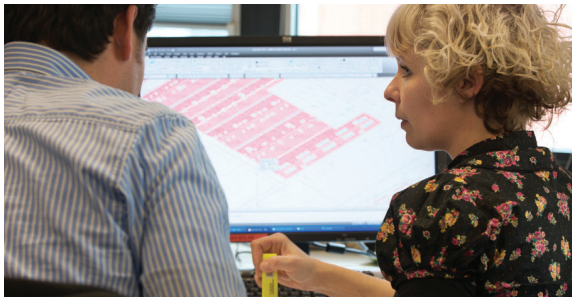
Scheuten Solar

Scheuten® Solar Module

Multisol®

P6-66



Multisol® P6-66 is a powerful member of the Multisol® range of high quality German made modules, designed and produced for a wide range of applications. Its high performance and high energy yield make it extremely suited for the commercial & industrial residential segment. Based on over 20 years of experience Multisol® modules are characterized by their long service life, above average yield and excellent workmanship. The quality, output and reliability of Multisol® modules make them a solid investment for the future.

Multisol® P6-66 is a powerful product in the Scheuten Solar range:

- Improved energy yield thanks to f|solarfloat HT glass (quartz hard AR coating)
- High power by integrating high quality 3-busbar cells

The performance of the **Multisol® P6-66** matches best-in-class in the industry. The module is equipped with our sturdy ProFix® silver aluminum frame for easy mounting.

Characteristics of Multisol® P6-66 at a glance

- **Power range 265 – 275 Wp in 5 Wp steps**
- **Power tolerance +0 / +10 Wp**
- **Very rigid ProFix® aluminium frame with hollow chamber**
- **IP67 rated Junction Box**
- **Environmentally friendly production according to ISO 14001**
- **Made in Germany**

- **Best-in-class power output warranty of 25 years with linear decline**
- **10 years product warranty**

kiwa certified ISO 9001 QUALITY MANAGEMENT

MADE IN GERMANY

TÜV

MCS

CE

PV CYCLE

Scheuten Solar

Typical Data at Standard Test Conditions (STC)

Module Type P6-66			**265**	**270**	**275***
Nominal Peak Power	Pmpp	[Wp]	265	270	275
Power Tolerance + 0 / + 10 Wp					
Power density		[Wp/m²]	146	148	151
Peak Power Voltage	Vmpp	[V]	33,6	33,8	34,0
Peak Power Current	Impp	[A]	7,89	7,99	8,09
Open Circuit Voltage	Voc	[V]	41,0	41,1	41,3
Short Circuit Current	Isc	[A]	8,35	8,46	8,57
Module efficiency reduction @ 200 W/m² -0,8% Abs.					

STC: Standard Test Conditions; 1000 W/m², 25°C, AM 1,5 **limited available*

Typical Data at Normal Operating Cell Temperature conditions (NOCT)

T_{NOCT} 44°C					
Peak Power	Pmpp	[Wp]	193	197	200
Peak Power Voltage	Vmpp	[V]	30,8	31,0	31,2
Peak Power Current	Impp	[A]	6,27	6,35	6,43
Open Circuit Voltage	Voc	[V]	38,3	38,4	38,6
Short Circuit Current	Isc	[A]	6,77	6,86	6,94

NOCT: Irradiance level 800 W/m², spectrum AM 1,5, wind velocity 1 m/s and ambient temperature 20°C

Thermal Characteristics

Temperature Coefficient Isc	TK Isc	0,07	[%/K]
Temperature Coefficient Voc	TK Voc	-0,34	[%/K]
Temperature Coefficient Pmpp	TK Pmpp	-0,48	[%/K]

Measurement tolerances Pmpp @ STC ± 5% all other electrical parameters ± 10%

Tested Operating Conditions

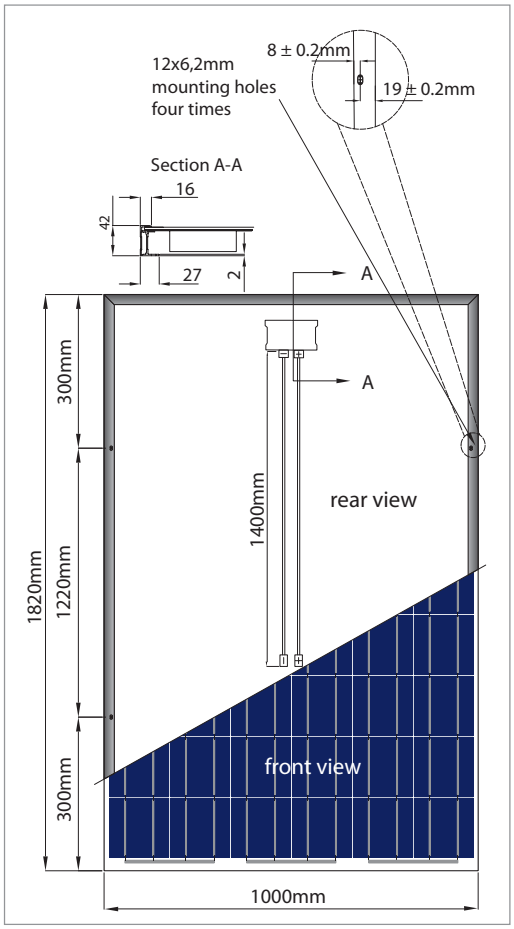
Temperature	-40°C to 85°C
Max Load	2400 Pascal front and 2400 Pascal back

Mechanical and System Design Data

Dimensions H x W x D	1820 x 1000 x 42 mm
Weight	24 kg
Maximum system voltage	1000 V
Limiting reverse current I_R	15 A
Cells	66 x 6" poly crystalline
Frame	ProFix® silver anodized aluminium frame with hollow chamber
Glass	4 mm f | solarfloat HT - highly transparent low-iron tempered safety glass AR coating
Junction Box	Universal Junction Box by Yamaichi, rated IP67 and 3 bypass diodes
Cabling	2 x 4 mm² cabling with MC-4 interchangeable connectors

Certifications

Warranty	25 years linear power warranty, 10 years product warranty For details see our Warranty conditions
Certificates	IEC 61215 ed.2, IEC 61730 Application Class A



Scheuten Solar partner:
Company imprint

2012-v1

This datasheet is not legally binding. Actual specifications and/or product features may deviate.
Caution: Read Safety and Installation Instructions before using the Product. Visit our website for more details.