

The standard facade solution

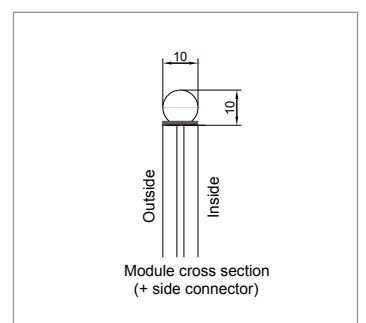
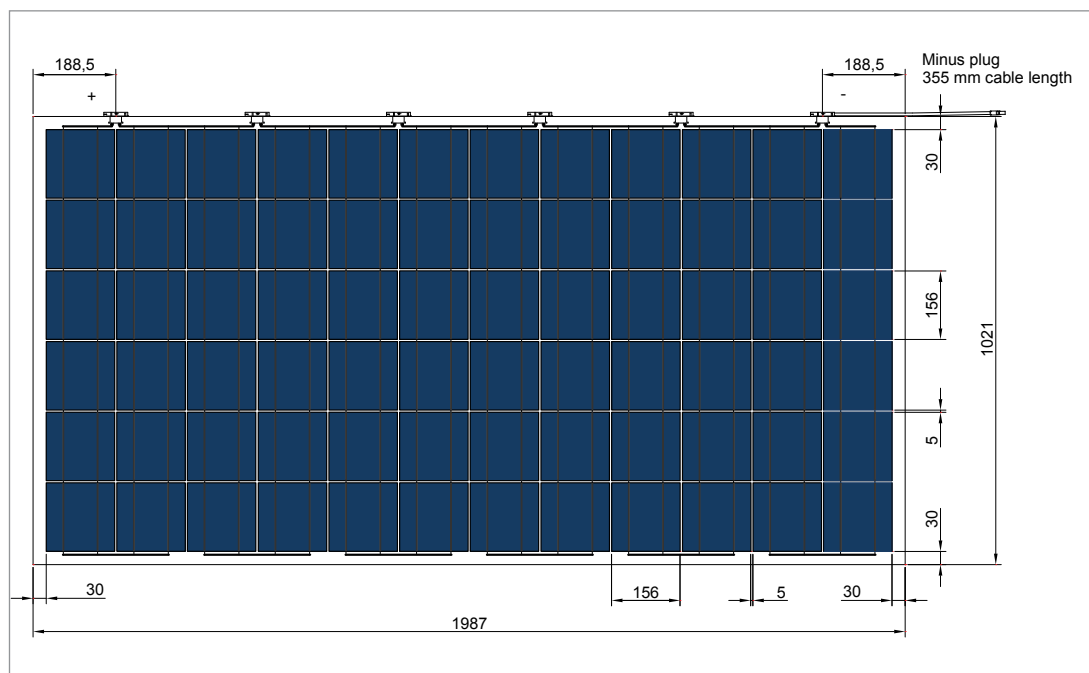
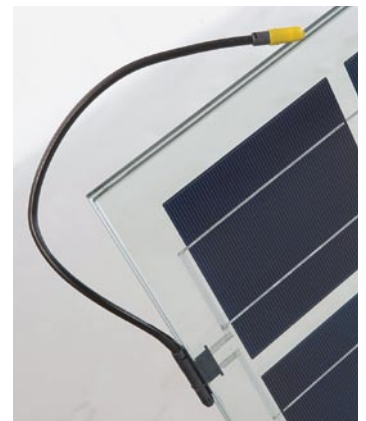
Optisol[®] - S 10

Optisol[®] - S 10 is a glass-glass module with standard characteristics especially designed for the requirements of a facade. The module meets both aesthetic and economics demands. Based on over 10 years of experience these modules are characterized by their long service life.



Module Composition

Dimensions	W x H 1987 x 1021 mm
Application	Vertically glazed (90°)
Mounting	4-sided frame
Outer pane	4 mm tempered low iron glass
Interlayer	2 mm cast resin with solar cells
Inner pane	4 mm tempered glass
Weight	45 kg



Cells

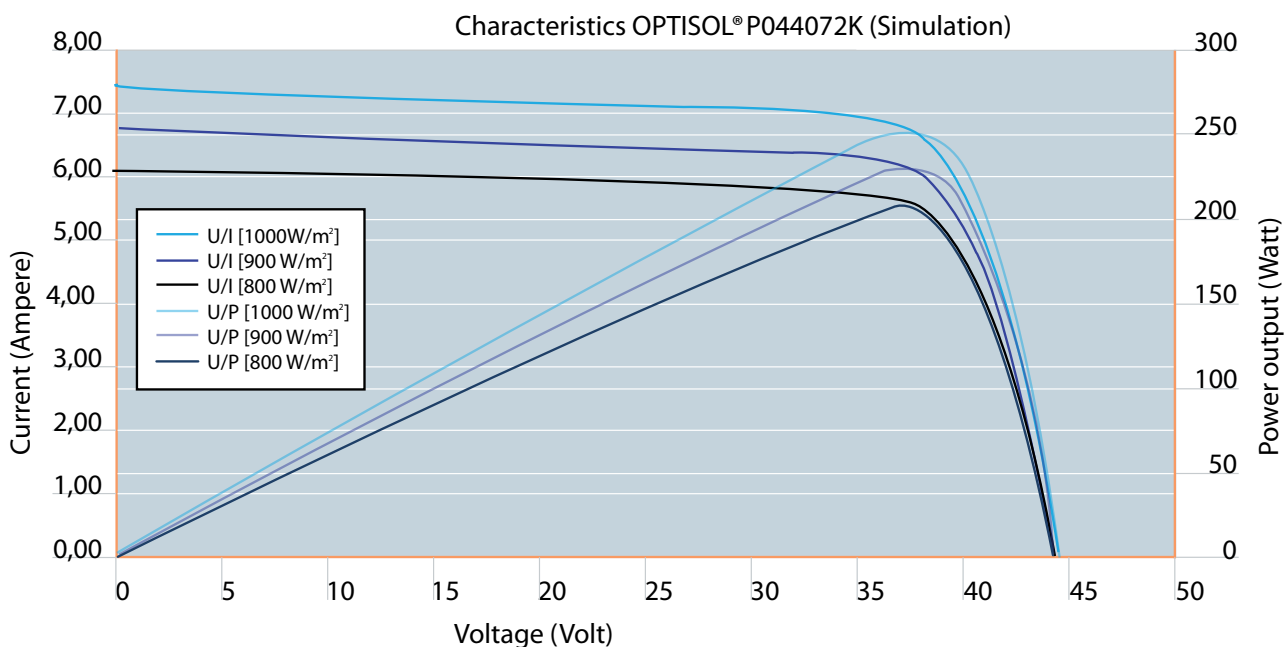
Cell Type	6 inch (156 x 156 mm) poly crystalline
Appearance	Matt blue
Cell cover density	86%

Typical Data at Standard Test Conditions (STC)

Module Type

Optisol S-10

Nominal Peak Power	P_{mpp}	[Wp]	$256 \pm 10\%$
Power density		[Wp/m ²]	126
Peak Power Voltage	V_{mpp}	[V]	36,60
Peak Power Current	I_{mpp}	[A]	7,01
Open Circuit Voltage	V_{oc}	[V]	44,40
Short Circuit current	I_{sc}	[A]	7,50
Maximum system voltage	V	[V]	1000
Limiting reverse current IR	A		10
Temperature coefficient power	TK P_{mpp}	[%/K]	- 0,46
Temperature coefficient voltage	TK V_{oc}	[%/K]	- 0,36
Temperature coefficient current	TK I_{sc}	[%/K]	0,05
Module efficiency reduction @ 200 W/m ²			- 0,8%
Standard Test Conditions (STC); 1000 W/m ² , 25°C, AM 1,5			



This datasheet is not legally binding. Actual specifications and/or product features may deviate. Caution: Please request Safety and Installation Instructions before using the Product. See our website for contact information. Scheuten cannot be held liable for the engineering and/or structural calculations regarding the glass thickness and other glass specifications of the respective PV Modules, due to the fact such calculations are among other things subject to local climatic circumstances (e.g. wind loads; snow conditions).