

DAYLIGHT SPS

Solar panels



DAYLIGHT – Panelseries
80 W • 120 W • 160 W • 170 W • 200 W

The DAYLIGHT Premium solar modules consist of high-quality individual components and are built with innovative back-contact SunPower® solar cells, which stand out with a cell efficiency of over of over 22 %. Due to the increased efficiency of the solar cells, solar energy is guaranteed at all times.

- Back-Contact SunPower® cells
- Cell efficiency over 22 %
- Anti-reflective glass with lotus effect
- Weatherproof junction box (IP65) and MC4 compatibility
- Salt water resistant aluminium profile frame
- Bypass diodes integrated in junctionbox

Technical changes, errors and printing mistakes are reserved stand 01.2022

Typ	WS80SPS	WS80SPS-L	WS120SPS	WS120SPS-L	WS120SPS-HV	WS160SPS-L	WS160SPS-HV	WS170SPS	WS200SPS
Article no.	101-1041	101-20080	101-1015	101-1036	101-10121	101-1624	101-20160	101-1680	101-16200
Nominal power (Pmax)	80 W	80 W	120 W	120 W	120 W	160 W	160 W	170 W	200 W
Max. energy output (summer)	480 Wh/d	480 Wh/d	720 Wh/d	720 Wh/d	720 Wh/d	960 Wh/d	960 Wh/d	1020 Wh/d	1200 Wh/d
Max. power voltage (Umpp)	28 V	25,6 V	19,20 V	19,23 V	36,5 V	23,51 V	51,3 V	27,74 V	32,30 V
Max. power current (Impp)	2,85 A	2,95 A	6,25 A	6,28A	3,15 A	6,85 A	2,95 A	6,12 A	5,95 A
Open circuit voltage (Uoc)	29,45 V	27,3 V	21,80 V	21,83 V	42,50 V	27,95 V	54,5 V	29,40 V	37,95 V
Short circuit current (Isc)	3,03 A	3,22 A	6,84 A	6,87 A	3,45 A	7,26 A	3,21 A	6,80 A	6,40 A
Bypass diode	integrated								
Cell efficiency	≥ 22 %								
Max. working temperature	-40 °C bis + 85 °C								
Connection cable	90 cm + MC4 Connector								
Values according to STC-conditions (E= 1000W/m ² , Tc=25 °C, AM=1,5)									

Dimension

Number of cells	48	44	32	33	64	44	88	49	55
Weight	4,2 kg	4,4 kg	6,0 kg	6,4 kg	6,3 kg	8,0 kg	8,9 kg	9,1 kg	9,5 kg
Dimensions mm (L x B x H)	810 x 535 x 35	1462 x 281 x 35	1050 x 540 x 35	1435 x 415 x 35	1075 x 535 x 35	1435 x 535 x 35	1462 x 535 x 35	937 x 937 x 35	1430 x 657 x 35

Basic Data Module

Cell material	SunPower® DAYLIGHT
Frame	Aluminium black anodized
Junction box	IP 65
Product warranty	5 years
Warranty of performance	25 years (on 80 % of performance)
Temperature coefficient (Isc)	+0,03 %/K
Temperature coefficient (Uoc)	-0,31 %/K
Temperature coefficient (Pmpp)	-0,43 %/K

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