



**dpSun**<sup>®</sup>  
PHOTOVOLTAIC MODULES



# MONOCRYSTALLINE MODULES

***FULL BLACK***

Positive power tolerance  
Extremely low degradation  
Excelent weathering performance

dpS-330/335/340/345/350M-72BB

## Electrical parameters at Standard Test Conditions (STC)

Type	dpS-330M-72BB	dpS-335M-72BB	dpS-340M-72BB	dpS-345M-72BB	dpS-350M-72BB
Maximum Power (Pmax)	330 Wp	335 Wp	340 Wp	345 Wp	350 Wp
Maximum Power Voltage (Vmp)	37,9	37,9	38,0	38,2	38,6
Maximum Power Current (Imp)	8,80	8,89	8,96	9,04	9,07
Open Circuit Voltage (Voc)	46,0	46,2	46,4	46,6	46,8
Short Circuit Current (Isc)	9,54	9,56	9,59	9,64	9,69
Power tolerance	0/+4,9	0/+4,9	0/+4,9	0/+4,9	0/+4,9
Module efficiency	16,96 %	17,21 %	17,47 %	17,73 %	17,98 %
Current and voltage tolerance	± 3 °C				

STC: 1000W/m<sup>2</sup> irradiance, 25 °C cell temperature, AM1,5 g spectrum according to EN 60904-3. Average relative efficiency reduction of 3,4 % at 200 W/m<sup>2</sup> according to EN 60904-1

## Working Conditions

Maximum System Voltage	DC 1000V (TUV)
Operating temperature	-40°C / +85° C
Maximum reverse current	15 A
Maximum surface load capacity	5400Pa (Snow load)
IP protection level	IP67
Safety class	II
Resistance against hail	Maximum diameter of 25 mm with impact speed 23 m/s

## Specifications

Cell size	156x156mm
Number of cells	72
Front side glass	3,2mm hardened solar glass
Weight	22,5 Kg
Dimensions (LxWxH)	1962x992x40mm
J-box	IP67 with 3 bypass diodes
Cable length/section	1000mm/4mm <sup>2</sup>
Connectors	MC4 compatible
Frame	Anodized Aluminum Alloy

## Temperature coefficients

Voltage temperature coefficient (β)	-0,42 %/°C
Current temperature coefficient (α)	+0,05 %/°C
Power temperature coefficient (δ)	-0,33 %/°C

NOTE: For extended models, dpS-xxxP-CCyz and dpS-xxxM-CCyz, voltages and currents can vary where xxx indicates the rated power and CC indicates the number of solar cells.  
y = White or Black backsheet; z = Silver or Black frame or 0 for frameless

## Module guarantee



12 years

## Module performance guarantee

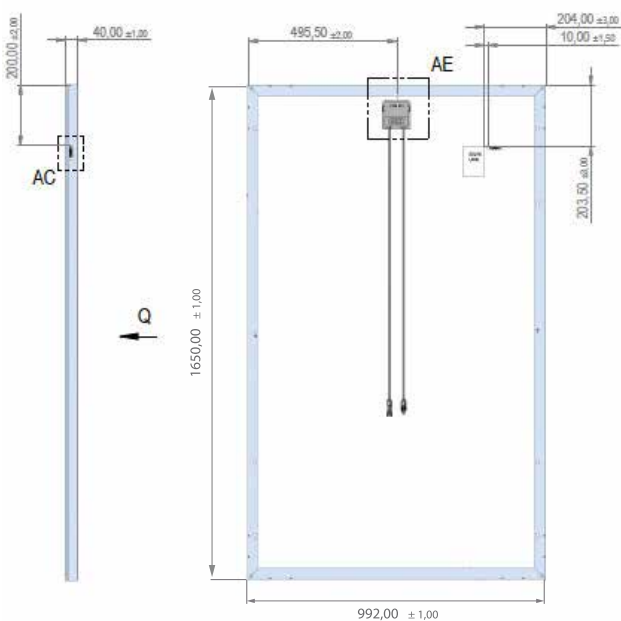


90% max output

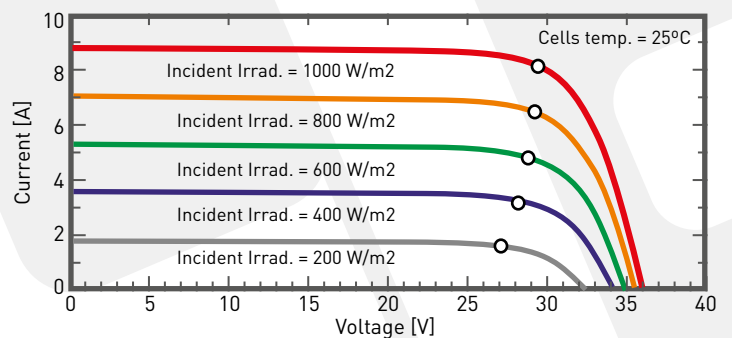


80% max output

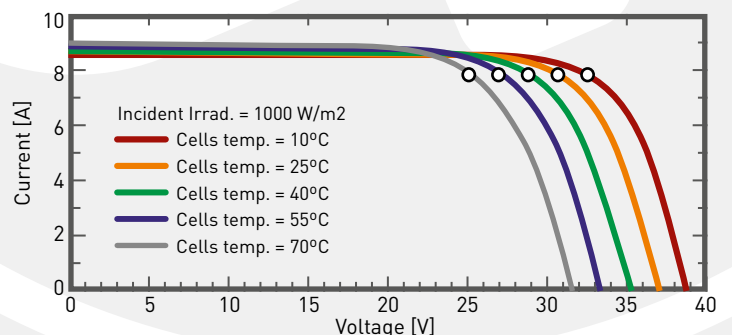
## Dimensions



## I-V Curve Variation with Irradiance



## I-V Curve Variation with Temperature



IEC 61215  
IEC 61730



Made in EU

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