

Mono Perc Series

270 - 300 Wp



Higher output power



Better low light performance



Lower LCOE



Better mechanical loading tolerance

12

12 Year Warranty for Materials and Processing

25

25 Year Warranty for Extra Linear Power Output

Comprehensive Certifications

- IEC 61215, IEC 61730 i.V.
- IEC TS 62941: Terrestrial photovoltaic (PV) modules - Guidelines for increased confidence in PV module design qualification and type approval



19,96%
MAX MODULE
EFFICIENCY

0~+5W
POWER
TOLERANCE

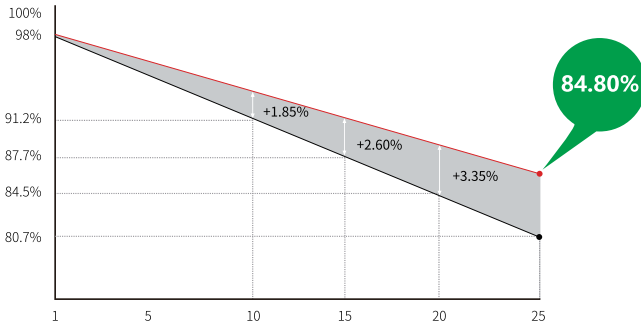
<2%
FIRST YEAR
POWER DEGRADATION

0.55%
YEAR 2-25
POWER DEGRADATION

FULL - CELL
Better low light performance

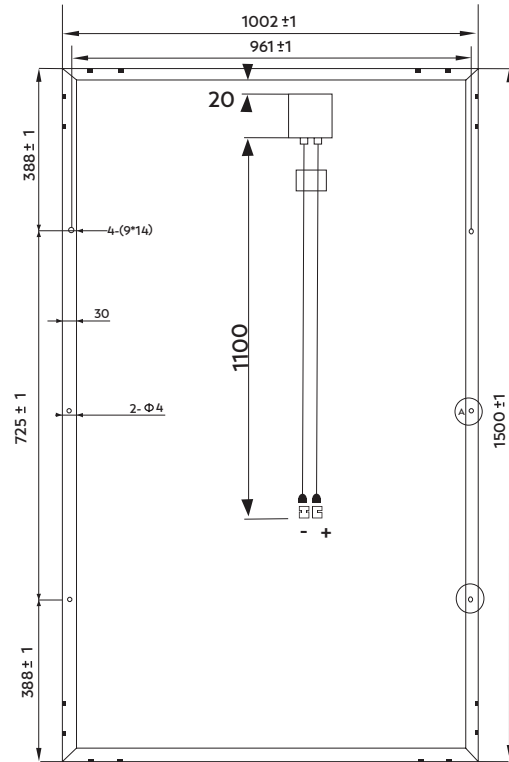
Additional Value

25 Year Power Warranty

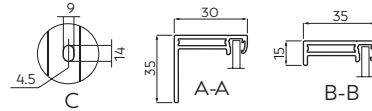


Mechanical Parameters

Cell Orientation	54(6*9)
Junction Box	IP65, 3 bypass-diodes
Output Cable	1100mm, 4mm ²
Glass	3,2mm solar glass
Frame	Anodized aluminium
Weight	18,5kg
Dimensions (mm)	1500*1002*35



1500x1002x35
units in mm



Electrical Characteristics

Module Type	Testing Condition	Maximum Power	Open circuit voltage(V)	Short circuit current (A)	Voltage at Maximum power (V)	Current at Maximum Power (A)	Module Efficiency
270WP	STC	270	35,83	9,83	28,81	9,38	17,96%
280WP	STC	280	36,27	10,07	29,35	9,54	18,63%
285WP	STC	285	36,49	10,19	29,6	9,62	18,96%
290WP	STC	290	36,7	10,3	29,88	9,71	19,29%
295WP	STC	295	36,91	10,42	30,14	9,79	19,63%
300WP	STC	300	37,12	10,54	34,4	9,88	19,96%

Operating Parameters

Operational Temp	minus 40°C to 85°C
Power Output Tolerance	0-+5Wp
Maximum System Voltage	1000V DC
Maximum Series Fuse Rating	16A
Nominal Operating Cell Temperature	20°C

Temperature Ratings STC

Temperature Coefficient of i_s	(+)0,04%/K
Temperature Coefficient of V_{oc}	(-)0,30%/K
Temperature Coefficient of P_{max}	(-)0,40%/K

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