

Poly Series

300-340 Wp



Rooftop and Off-grid Design



Less sensitive to shading



Lower LCOE



Better low light performance



5 Year Warranty for Materials and Processing



25 Year Warranty for Extra Linear Power Output

Comprehensive Certifications

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



17.52%
MAX MODULE
EFFICIENCY

0~+5W
POWER
TOLERANCE

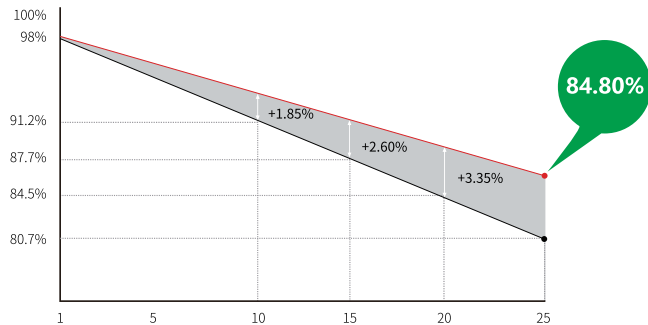
<2%
FIRST YEAR
POWER DEGRADATION

0.55%
YEAR 2-25
POWER DEGRADATION

POLYCRYSTALLINE
Lower operating temperature

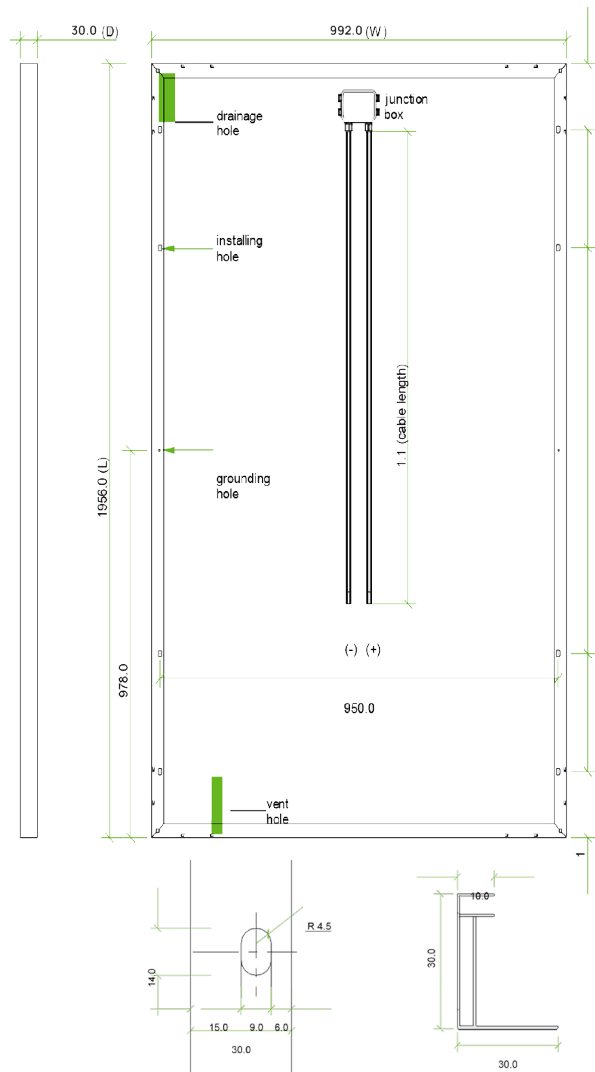
Additional Value

25-Year Power Warranty



Mechanical Parameters

Cell Orientation	72 (6*12)
Junction Box	IP65, 3 bypass-diodes
Output Cable	1100mm, 4mm ²
Glass	3,2mm solar glass
Frame	Anodized aluminum
Weight	21kg
Dimensions (mm)	1956*992*30



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
300Wp	STC	300	45,20	8,79	36,86	8,14	15,49%
305Wp	STC	305	45,35	8,85	37,15	8,21	15,75%
310Wp	STC	310	45,36	8,88	37,45	8,28	16,01%
315Wp	STC	315	45,44	8,93	37,68	8,36	16,27%
320Wp	STC	320	45,69	8,99	37,96	8,43	16,52%
325Wp	STC	325	45,80	9,03	38,33	8,48	16,78%
330Wp	STC	330	45,86	9,08	38,65	8,54	17,04%
335Wp	STC	335	45,90	9,13	38,96	8,60	17,26%
340Wp	STC	340	45,94	9,16	39,31	8,65	17,52%

Operating Parameters

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

Temperature Ratings STC

Temperature Coefficient of Is	(+)0,04%/K
Temperature Coefficient of Voc	(-)0,30%/K
Temperature Coefficient of Pmax	(-)0,40%/K

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