

SOLAR PANEL

Technical Specifications

Electrical characteristics (STC) WP	No of cell	Cell wattage (wp)	Nominal maximum power (Pmax) wp	Short Circuit Current (Isc) A	Operating voltage (Vmp) V	Operating current (Imp) A	Open circuit voltage (Voc) V	Module efficiency %	Maximum series fuse rating	Power Tolerance (±)
150	36	4.16	150	8.6	18	8.33	21.6	15	20	3
160	36	4.47	160	8.85	19.26	8.36	22.80	16.2	20	3
170	36	4.72	170	8.82	20.2	8.5	23.3	16.7	20	3
200	48	4.16	200	8.51	24.8	8.07	29.6	15.20	20	3
220	48	4.62	220	8.92	25.96	8.45	30.72	17.60	20	3
250	60	4.16	250	8.55	31	8.08	37.25	16	20	3
260	60	4.33	260	8.62	31.74	8.22	38.08	16.75	20	3
270	60	4.52	270	8.89	32.28	8.40	38.28	17.90	20	3
280	60	4.67	280	8.99	39.38	8.54	46.44	18	25	
300	72	4.16	300	8.6	36.6	8.2	44.02	16	30	3
310	72	4.30	310	8.8	36.9	8.42	45.07	16.42	30	3
315	72	4.37	315	8.78	38.16	8.27	45.28	17	30	3
320	72	4.47	320	8.85	38.52	8.36	45.72	17.40	30	3
340	72	4.72	340	8.82	39.06	8.41	47.52	17.60	30	3

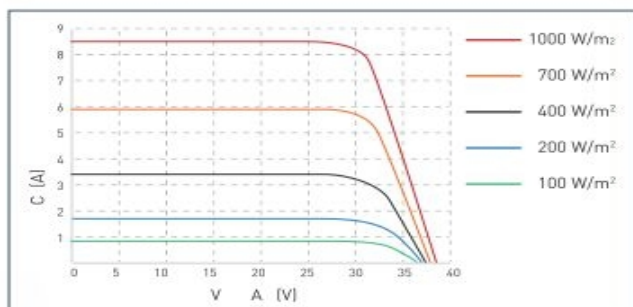
Operating Temperature: minus °40 to plus °80

Maximum system voltage: 1000V DC

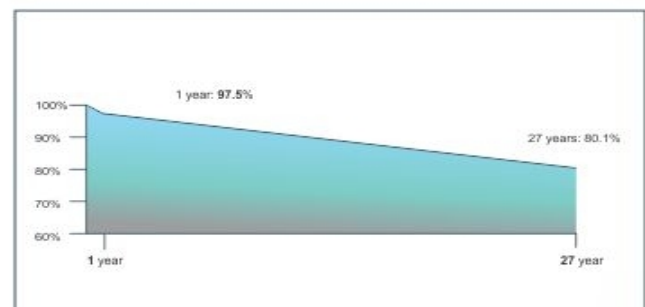
Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°c

Cell type: Polycrystalline

Typical IV Curve



Performance Warranty



Warranty

- 10 years for product defects in materials and workmanship
- 27 years linear power output warranty: 10 years at 90% of the minimal rated power output, 27 years at 80% of the minimal rated power output

Applications

- On-grid large scale utility systems
- On-grid rooftop residential and commercial systems
- Off-grid residential systems