

“India’s Strongest Solar Pv Module”

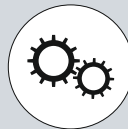
POLY SOLAR
(158.75 X 158.75 MM)
(CELL - 5BB) PV MODULES

72 CELLS

325-340Wp POWER OUTPUT RANGE

MODULE TECHNOLOGY

FULL CELL
WITH EXCELLENT QUALITY



High Efficiency



Better Performance



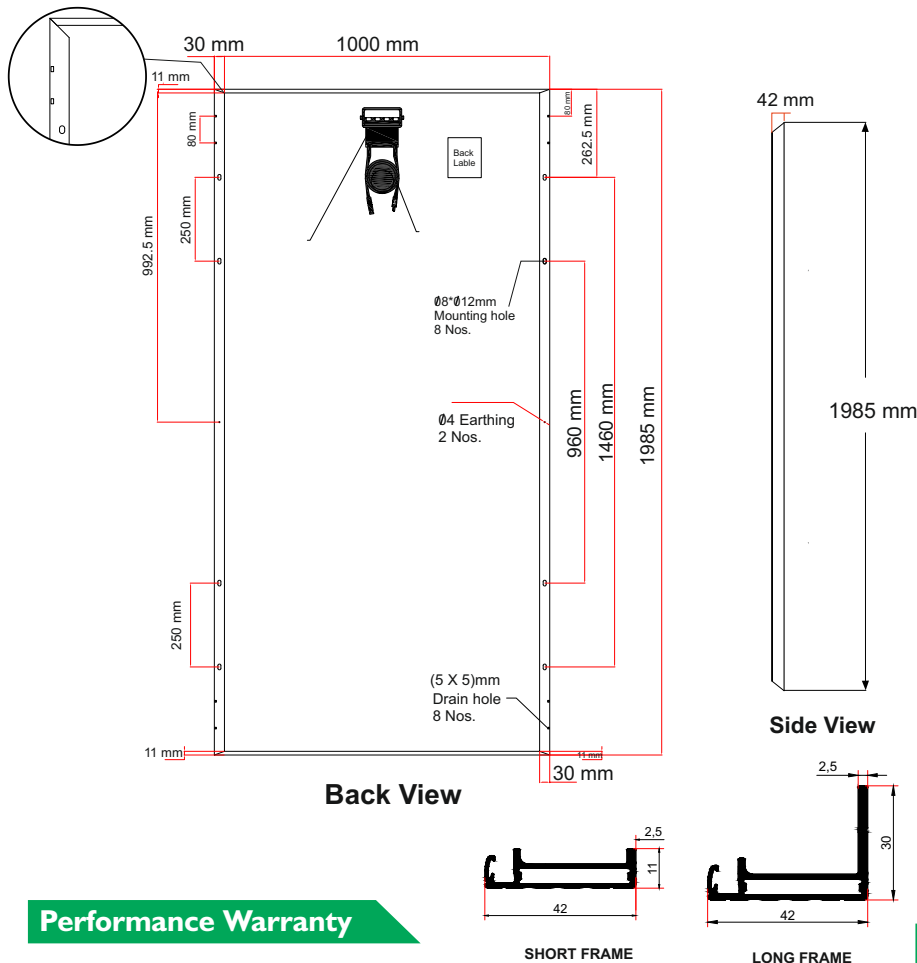
Enhanced Performance



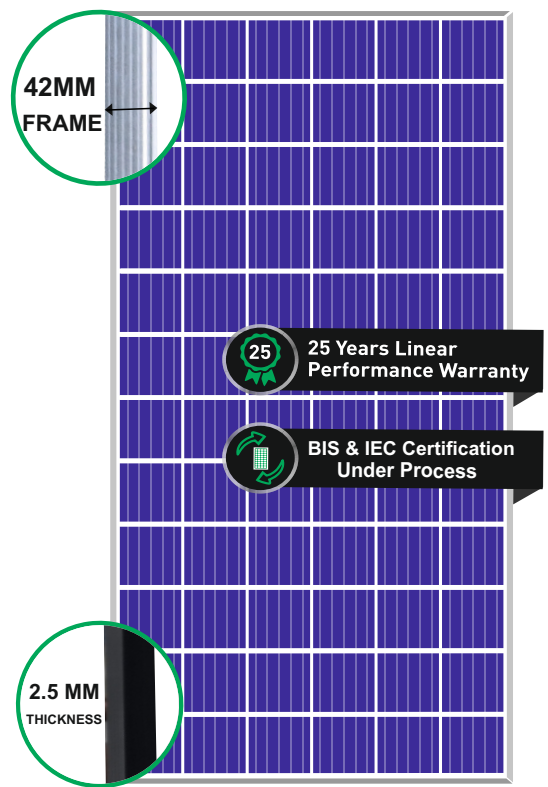
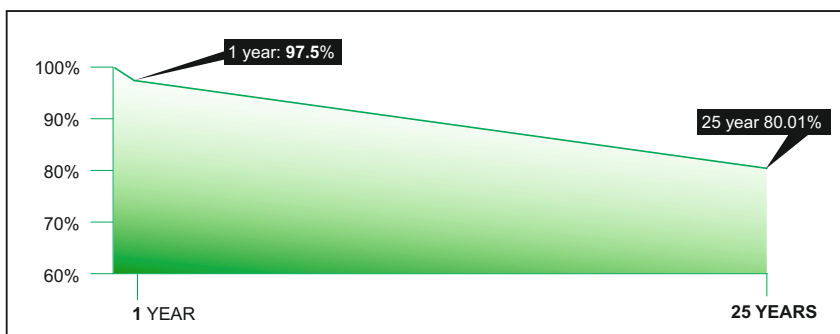
Outstanding Durability



Global Certifications



Performance Warranty



25 25 Years Linear Performance Warranty

BIS & IEC Certification Under Process

Key Features

- ARC Tempered glass
- Anodize Aluminum
- 5 BB Solar Cell
- High Module efficiency
- EL Checked
- Tolerance $\pm$ 5W
- IP67 / IP68 JB
- Quality Assurance

Warranty

Performance Warranty	25 years for linear power
Product Warranty	10 Years

Technical Data

Module Type	325W	330W	335W	340W
Capacity Rating - P _m x (Wp)	325	330	335	340
Maximum Operating Current(I _{mp})	8.87	8.99	9.13	9.17
Maximum Operating Voltage(V _{mp})	36.65	36.72	36.70	37.10
Short Circuit Current (I _{sc})	9.17	9.23	9.50	9.63
Open Circuit Voltage (V _{oc})	45.50	45.57	45.80	46.15
Module Size	1985 x 1000 x 35 / 1985 x 1000 x 42			
Weight Approx	21 KG / 22.310 KG			

Electrical Parameter at NOCT

Module Type	325W	330W	335W	340W
Capacity Rating - P _m x (Wp)	241	245	249	253
Rated Current - I _{mp} (A)	7.14	7.25	7.39	7.43
Rated Voltage - V _{mp} (V)	33.87	33.87	33.73	34.06
Short Circuit Current - I _{sc} (A)	7.40	7.45	7.72	7.83
Open Circuit Voltage - V _{oc}	42.48	42.55	42.76	43.15

Irradiation 800wsq.mtr. Surface temperature 45 °C (+3 °C), Wind speed 1m/s, Ambient 20 °C

Mechanical Specification

Model	Bhaskara 72 cell Family
Cell Type	Polycrystalline Cell 5 BB
Junction B x	IP67 / IP68
Cable & Connectors	1200mm with 4mm ² Mc4 Connector
Frame	Anodized Aluminum Frame (42mm Height x 2.5mm Thickness)
Glass Dimension (AR Coated Tempered Glass)	1980mm x 995mm x 3.2mm
Load Test	Front- 5400 Pa, Back- 2700 Pa
Encapsulate	PID free Ethylene Vinyl Acetate Sheet
Back Sheet	UV protected reflective backsheet
Application class	Class A
Electrical safety class	Class II
Fire Safety	Class C (Type 1)
Mounting Holes Pitch (Y)- mm	[A]1488.5 [B] 992.5

Permissible Operating Conditions

Operating temperature Range	From- 40°C to + 85°C
Maximum System Voltage	1000 VDC / 1500 VDC
Maximum Series Fuse Rating	15A / 20A
Hail resistance	Max dia of 25 mm with velocity 23 m/s

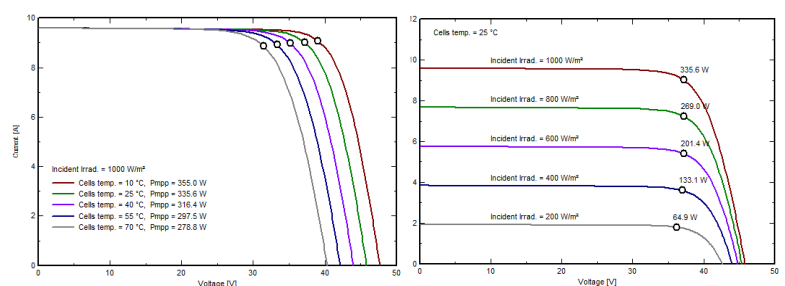
Packaging Information

Container	20'GP	40'HC
Pallets/Container	10	24
Modules/Container	270	648

Temperature Coefficients

Current Temperature Coefficients	0.021 %/°C
Voltage Temperature Coefficients	- 0.291 %/°C
Power Temperature Coefficients	- 0.397 %/°C

IV Curve



The contents of this brochure is for knowledge purpose only and Uratom reserves the rights to change technical parameters at anytime without any notification.

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