

**Urat<sup>TM</sup>**  
The solar energy specialist

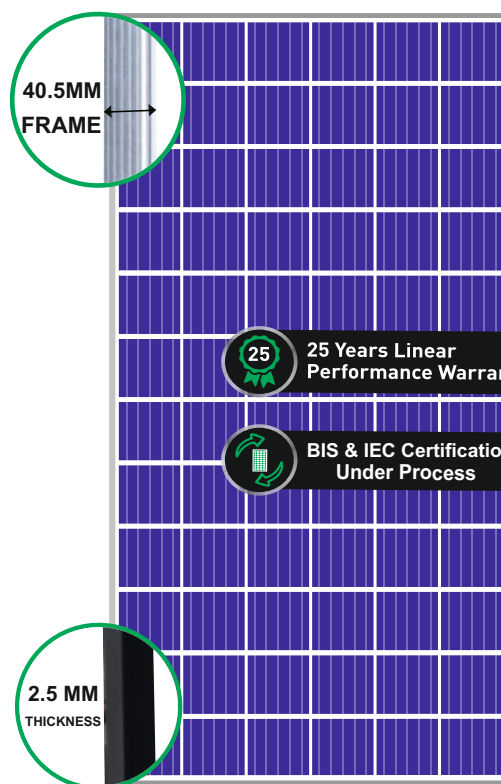
# FULL CELL

WITH EXCELLENT QUALITY

**325-340Wp** POWER OUTPUT RANGE



## Global Certifications



**www.uratom.com, care@uratom.com**

## Technical Data

| Module Type                                 | 325W                                  | 330W  | 335W  | 340W  |
|---------------------------------------------|---------------------------------------|-------|-------|-------|
| Capacity Rating - P <sub>m</sub> x (Wp)     | 325                                   | 330   | 335   | 340   |
| Maximum Operating Current(I <sub>mp</sub> ) | 8.87                                  | 8.99  | 9.13  | 9.17  |
| Maximum Operating Voltage(V <sub>mp</sub> ) | 36.65                                 | 36.72 | 36.70 | 37.10 |
| Short Circuit Current (I <sub>sc</sub> )    | 9.17                                  | 9.23  | 9.50  | 9.63  |
| Open Circuit Voltage (V <sub>oc</sub> )     | 45.50                                 | 45.57 | 45.80 | 46.15 |
| Module Size                                 | 1985 x 1000 x 35 / 1985 x 1000 x 40.5 |       |       |       |
| Weight Approx                               | 21 KG / 22.310 KG                     |       |       |       |

## Electrical Parameter at NOCT

| Module Type                                 | 325W  | 330W  | 335W  | 340W  |
|---------------------------------------------|-------|-------|-------|-------|
| Capacity Rating - P <sub>m</sub> x (Wp)     | 241   | 245   | 249   | 253   |
| Rated Current - I <sub>mp</sub> (A)         | 7.14  | 7.25  | 7.39  | 7.43  |
| Rated Voltage - V <sub>mp</sub> (V)         | 33.87 | 33.87 | 33.73 | 34.06 |
| Short Circuit Current - I <sub>sc</sub> (A) | 7.40  | 7.45  | 7.72  | 7.83  |
| Open Circuit Voltage - V <sub>oc</sub>      | 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 <sup>2</sup> Mc4 Connector                |
| Frame                                       | Anodized Aluminum Frame (40.5mm 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 Pich (Y)- mm                 | [A]1456 [B] 960                                           |

## Permissible Operating Conditions

|                            |                                       |
|----------------------------|---------------------------------------|
| Operating emperature 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 |

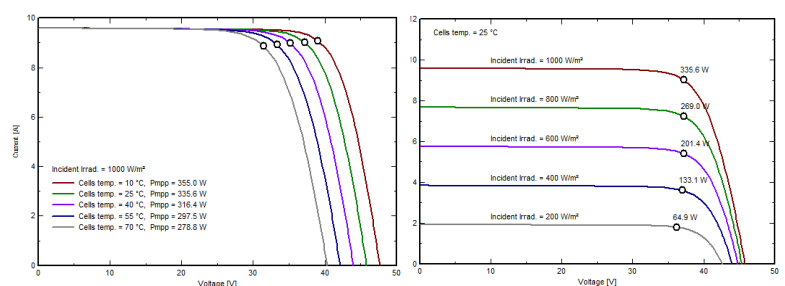
## Packaging Information

|                   |       |       |
|-------------------|-------|-------|
| 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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