

# Mono Crystalline Modules

## **Series: Mono Crystalline Modules 360W To 525W**

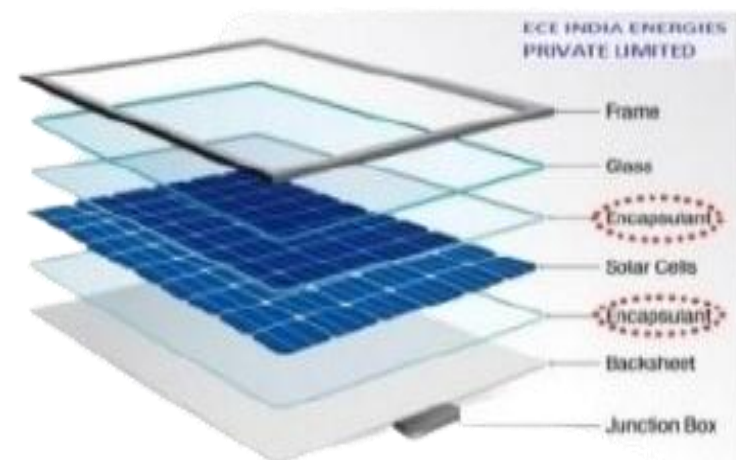
### **★ BIS & IEC Approved Solar PV Modules**

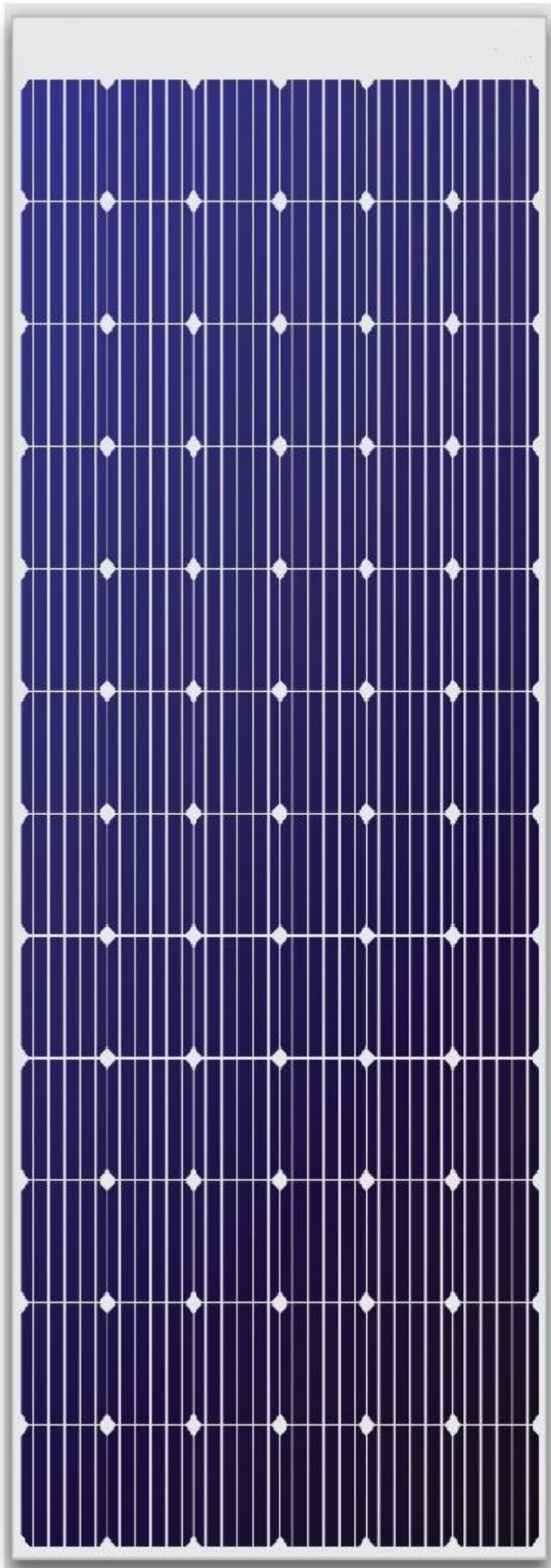
- **PID resistant module ensuring long term reliability.**
- **Anti Reflective Coating for improved light transmission.**
- **Certified to withstand the most challenging weather.**
- **High system voltage reduced the BOS cost more reliability.**
- **25 Years Linear Warranty longer life.**

## **: Mono Crystalline Modules 400W To 425W**

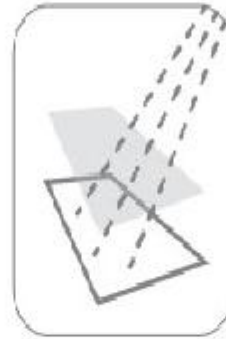
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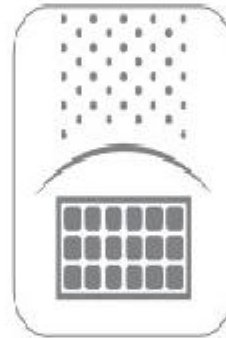




PID resistant module ensuring long term reliability



Anti Reflective Coating for improved light transmission



Certified to withstand the most challenging weather



High system voltage reduced the BOS cost more reliability



25 Years Linear Warranty longer life

## Technical Specification

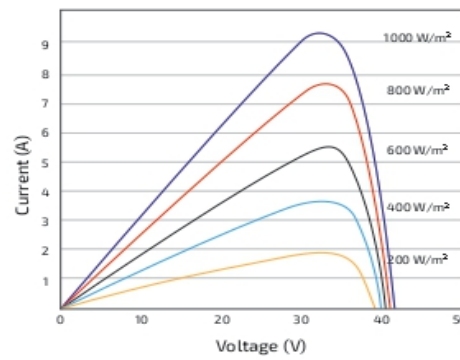
| PV Model | Open Circuit Voltage (Voc) in volt | Short Circuit Current (Isc) in Amps | Voltage at Max Power (Vmp) in Volts | Current at Max Power (Imp) in Amps | Module Efficiency ( $\eta\%$ ) | Module Fill Factor (FF%) | Module Weight in Kilograms | Dimensions in millimeter |           |               |
|----------|------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|--------------------------------|--------------------------|----------------------------|--------------------------|-----------|---------------|
|          |                                    |                                     |                                     |                                    |                                |                          |                            | Length (L)               | Width (W) | Thickness (T) |
| ECE-360  | 47.44                              | 9.6                                 | 40.46                               | 8.9                                | 18.56                          | 79.07                    | 21.8                       | 1960                     | 990       | 35            |
| ECE-370  | 47.88                              | 9.54                                | 40.96                               | 9.04                               | 19.08                          | 81.06                    | 21.8                       | 1960                     | 990       | 35            |
| ECE-380  | 48.24                              | 9.69                                | 41.31                               | 9.2                                | 19.59                          | 81.30                    | 21.8                       | 1960                     | 990       | 35            |
| ECE-385  | 48.46                              | 9.76                                | 41.42                               | 9.3                                | 19.85                          | 81.44                    | 21.8                       | 1960                     | 990       | 35            |

\*All electrical parameters specified at STC: 25°C cell temperature; 1000W/M2 irradiance; AM 1.5

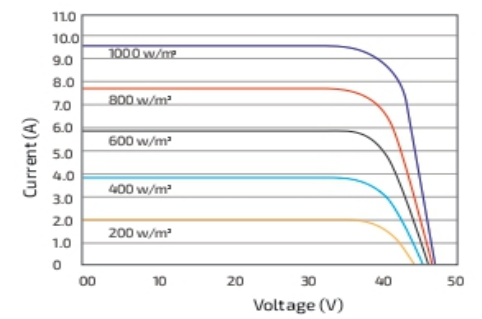
### Temperature Coefficient

|  |                       |
|--|-----------------------|
| Tc of Open Circuit Voltage ( $\beta$ )   | -0.360%/°K $\pm$ 0.02 |
| Tc of Short Circuit Current ( $\alpha$ ) | 0.070%/°K $\pm$ 0.01  |
| Tc of Power ( $\gamma$ )                 | -0.380%/°K $\pm$ 0.02 |
| NOCT                                     | 45 $\pm$ 2°C          |

Power Curves of PV Module (385 Wp)



Power Curves of PV Module (385 Wp)

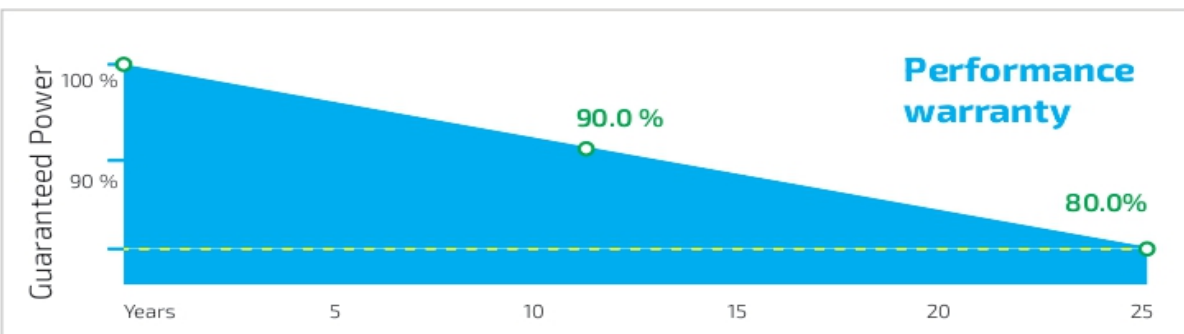


PROMISE

ECE QUALITY PROMISE

ECE QUALITY PROMISE

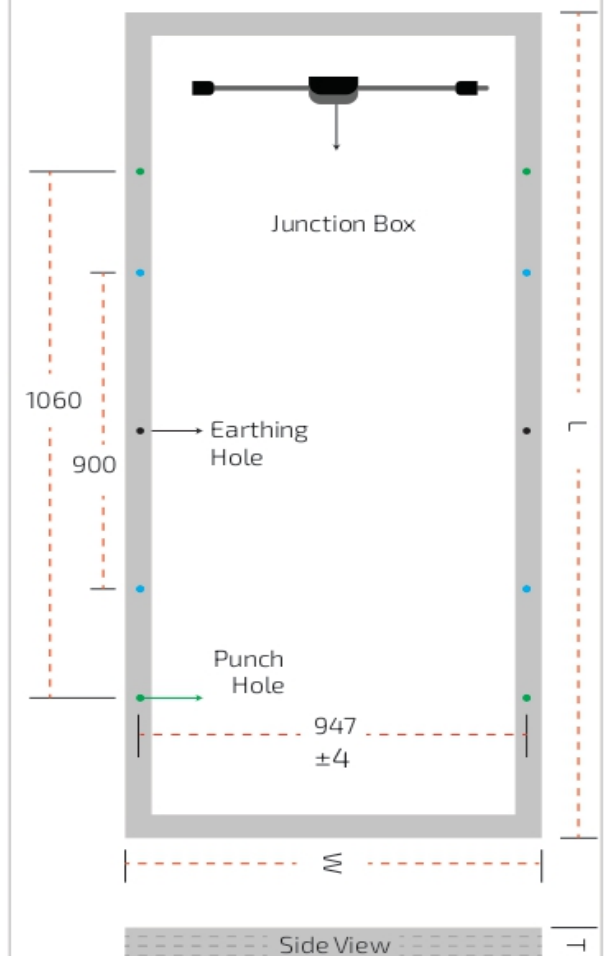
ECE QUALITY PROMISE

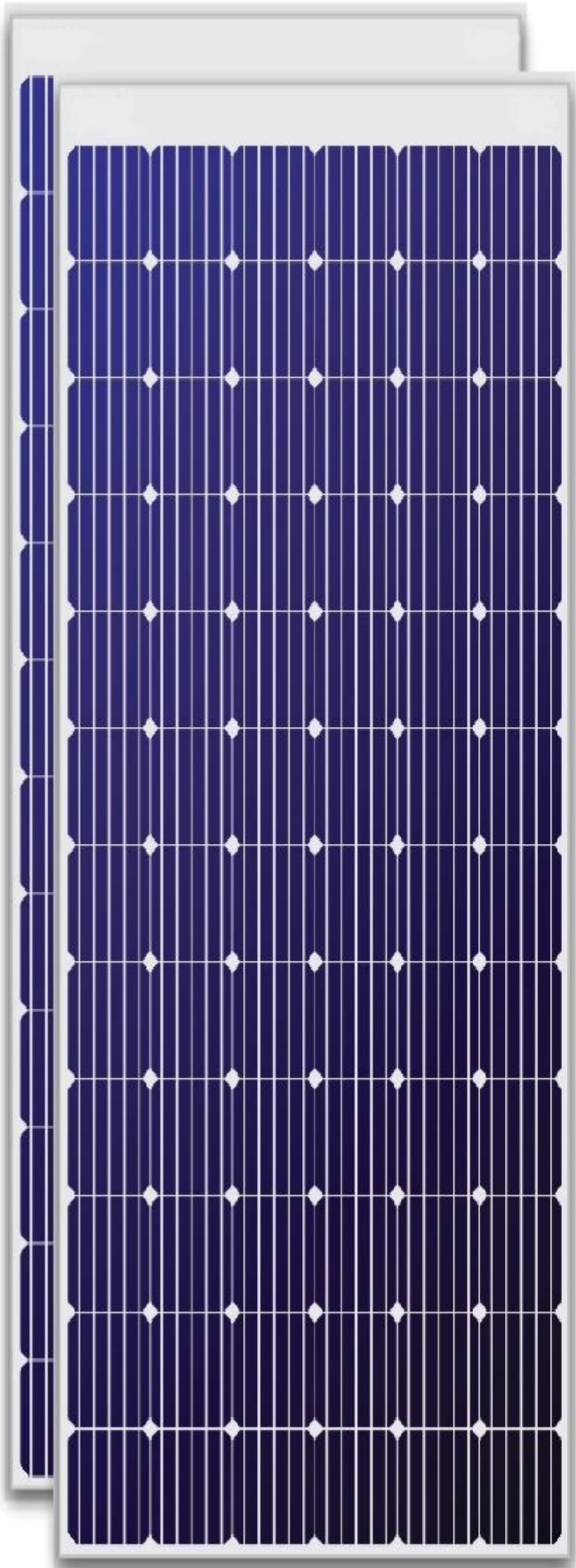


### Warranty

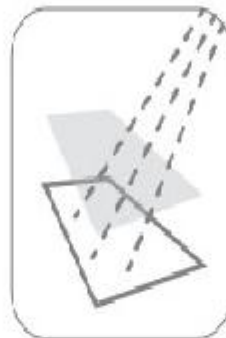
|          |                  |
|----------|------------------|
| 10 years | Product Warranty |
| 12 years | 90% of Power     |
| 25 Years | 80% of power     |

### Mounting Details & Dimensions in mm

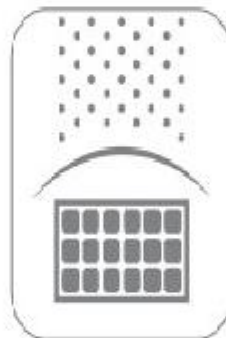




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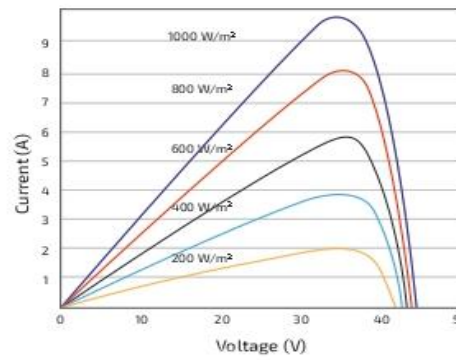
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|----------|------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|--------------------------------|--------------------------|----------------------------|--------------------------|-----------|---------------|
|          |                                    |                                     |                                     |                                    |                                |                          |                            | Length (L)               | Width (W) | Thickness (T) |
| ECE-400  | 48.68                              | 9.99                                | 41.55                               | 9.63                               | 20.16                          | 82.28                    | 22.6                       | 1985                     | 1000      | 35            |
| ECE-410  | 48.78                              | 10.05                               | 41.67                               | 9.84                               | 20.66                          | 83.64                    | 22.6                       | 1985                     | 1000      | 35            |
| ECE-425  | 48.8                               | 10.36                               | 42.68                               | 9.96                               | 21.42                          | 83.93                    | 24.5                       | 1985                     | 1000      | 35            |

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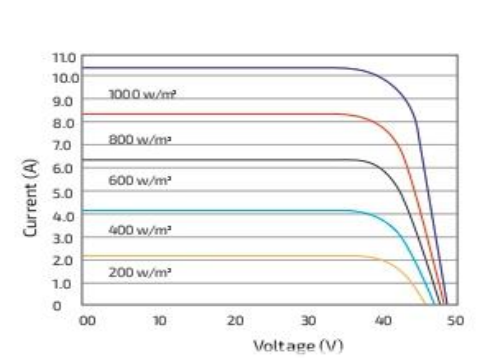
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| NOCT                                     | 45 $\pm$ 2°C          |

Power Curves of PV Module (425 Wp)



Power Curves of PV Module (425 Wp)

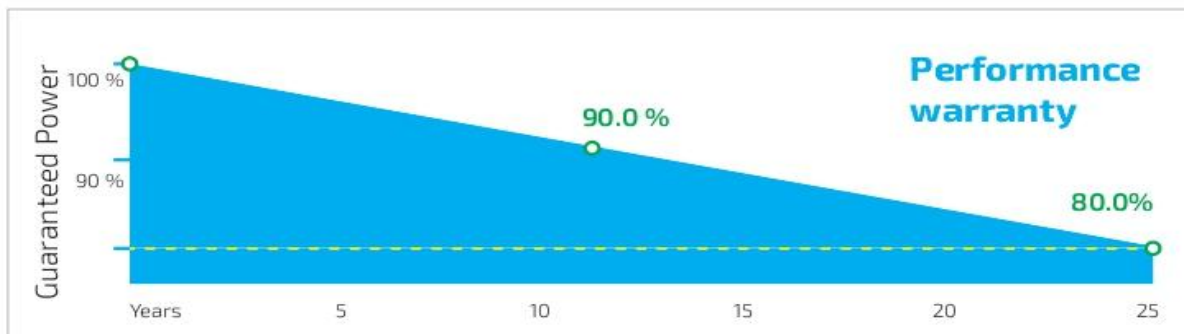


ECE QUALITY PROMISE

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## Performance warranty

## Warranty

|          |                  |
|----------|------------------|
| 10 years | Product Warranty |
| 12 years | 90% of Power     |
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## Mounting Details & Dimensions in mm

