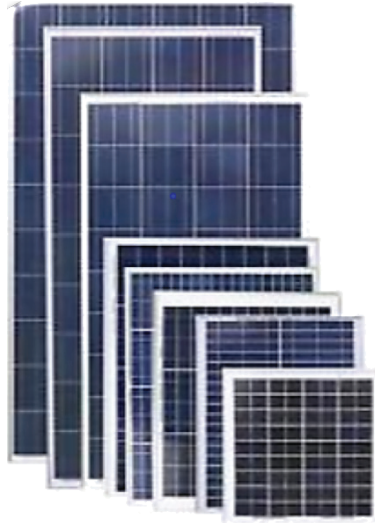


## Multicrystalline Solar PV Modules | 2.5W - 20W

# DURGA ULTRA SERIES



| MODEL                                      | DR - 2.5 / 5V | DR - 5 / 5V | DR - 10 / 12V |
|--|---------------|-------------|---------------|
| Nominal Maximum Power, Pm (W)              | 2.5           | 5           | 10            |
| Power Tolerance                            | Positive      | Positive    | Positive      |
| Open Circuit Voltage, Voc (V) *            | 6.17          | 6.17        | 21.07         |
| Short Circuit Current, Isc (A) *           | 0.62          | 1.1         | 0.63          |
| Voltage at Maximum Power, Vmp (V)*         | 5.03          | 5.1         | 17.03         |
| Current at Maximum Power, Imp (A) *        | 0.58          | 0.97        | 0.59          |
| Maximum System Voltage (V)                 | 600           | 600         | 600           |
| Model Efficiency (%)*                      | 10.9          | 10.9        | 9.52          |
| <b>MECHANICAL CHARACTERISTICS</b>          |               |             |               |
| Length * Width * Thickness (mm)            | -             | -           | 300*350*22    |
| Weight (Kg)                                | 0.50          | 0.65        | 1.35          |
| Solar Cells per Module units / arrangement | 10 / (5x2)    | 10 / (5x2)  | 36 / (9x4)    |

**CAUTION : Read Safety and installation manual before using the product.**

Specifications included in this datasheet are subject to change without notice. Electrical data without guarantee. Please confirm your exact equipment with the company representative placing your order.

## Multicrystalline Solar PV Modules | 40W - 100W

# DURGA SUPREME SERIES



| MODEL                               | DR - 40 / 12V | DR - 80 / 12V | DR - 100 / 12V |
|-------------------------------------|---------------|---------------|----------------|
| Nominal Maximum Power, Pm (W)       | 40            | 80            | 100            |
| Power Tolerance                     | Positive      | Positive      | Positive       |
| Open Circuit Voltage, Voc (V) *     | 21.37         | 21.77         | 21.97          |
| Short Circuit Current, Isc (A) *    | 2.5           | 4.9           | 6.07           |
| Voltage at Maximum Power, Vmp (V)*  | 17.18         | 17.36         | 17.46          |
| Current at Maximum Power, Imp (A) * | 2.33          | 4.61          | 5.73           |
| Maximum System Voltage (V)          | 1000          | 1000          | 1000           |
| Model Efficiency (%)*               | 12.2          | 12.88         | 12.88          |

### MECHANICAL CHARACTERISTICS

|  |            |            |            |
|--|------------|------------|------------|
| Length * Width * Thickness (mm)            | 530*675*35 | 920*675*35 | 300*350*22 |
| Weight (Kg)                                | 4.8        | 8.3        | 1.35       |
| Solar Cells per Module units / arrangement | 36 / (9x4) | 36 / (9x4) | 36 / (9x4) |

### THERMAL CHARACTERISTICS

|                              |                              |                            |
|------------------------------|------------------------------|----------------------------|
| Temp. coefficient of current | Temp. coefficient of voltage | Temp. coefficient of power |
| Isc (% / °C)                 | Voc (% / °C)                 | Pm (% / °C)                |
| 0.0681                       | 0.2941                       | 0.3845                     |

**5 YEARS  
PRODUCT WARRANTY**



Minimum 90% at the end of 10 years  
Minimum 80% at the end of 25 years



# DURGA ENERGY

Dungarpur Renewable Energy Technologies Pvt Ltd,  
Dungarpur Rajasthan - 314001

## Factory Location

Near School No.6,  
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