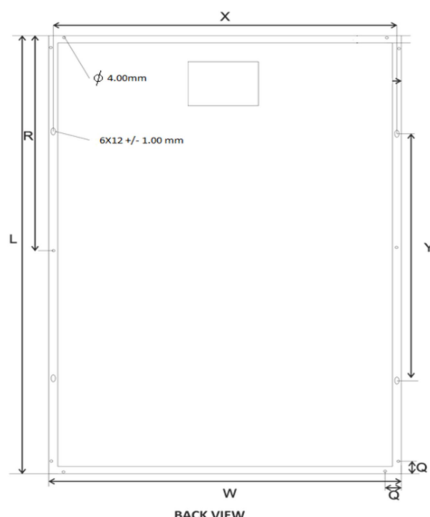


# Bhaskara Series (200 Watt to 245 Watt)

## S2E200 to S2E245

Our Bhaskara Series is the most versatile module. While compact enough to fit on residential and commercial roofs, it is still economical enough to meet the needs of larger, utility-scale projects. This series fetcher as per below:



- 1000V UL listed.
- PID Free Solar cells.
- Silver anodized aluminium frame.
- Our high-transmission glass features a unique anti-reflective coating that directs more light on the solar cells, resulting in a higher energy yield.
- Reliable Product suiting all environment conditions.
- Designed for very high area efficiency ideally suited for roof-top and ground mounted applications.
- Excellent module efficiency by reducing cell to module power loss.

### Electrical Characteristics

| Module Type           | S2E200-24V | S2E220-24V | S2E245-24V | S2E200-12V | S2E220-12V | S2E245-12V |
|-----------------------|------------|------------|------------|------------|------------|------------|
| Pmax (W)              | 200.00     | 220.00     | 245.00     | 200.00     | 200.00     | 245.00     |
| Vmax (V)              | 38.83      | 38.83      | 29.15      | 19.41      | 19.41      | 19.51      |
| Imax (A)              | 5.25       | 5.68       | 8.41       | 10.49      | 11.35      | 12.64      |
| Voc (V)               | 45.92      | 45.92      | 34.44      | 22.96      | 22.96      | 23.08      |
| Isc (A)               | 5.58       | 6.04       | 8.94       | 11.16      | 12.08      | 13.51      |
| Module Efficiency (%) | 15.13      | 16.65      | 16.61      | 15.13      | 16.65      | 16.61      |

### Mechanical Characteristics

| L X W X T                        | 1335X990X35                                   | 1490X990X35 | 1335X990X35 | 1490X990X35 |
|----------------------------------|---|-------------|-------------|-------------|
| Mounting Hole (Y)mm              | 750.00  | 750.00      | 750.00      | 750.00      |
| Mounting Hole (X)mm              | 961   | 961         | 961         | 961         |
| Cell Per Module/Arrangement      | 72 / 12X6                                     | 72 / 12X6   | 54 / 9X6    | 72 / 12X6   |
| Cell Type                        | Polycrystalline                               |             |             |             |
| Front Cover (Material/Thickness) | High transmission low iron tempered AR glass  |             |             |             |
| Encapsulate                      | Ethylene Vinyl Acetate                        |             |             |             |
| Frame                            | Anodized Aluminium                            |             |             |             |
| JB                               | IP65 Rated with bypass diode                  |             |             |             |
| Cable & Connector                | MC4 Connectors & 1000 / 1200 mm length cables |             |             |             |

\*Standard Test condition (STC): 1000W/m<sup>2</sup> irradiance, Air Mass 1.5 and 25°C cell temperature. Measuring Uncertainty +/-3%

Refer installation manual instructions & sun2earth warranty statement for terms and condition.

Sun2Earth Solar reserves the right to change the specifications without prior notice.

