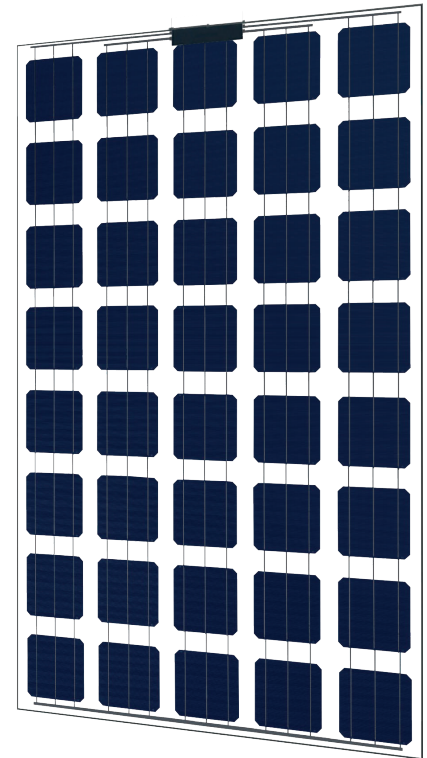


## ELECTRICAL SPECIFICATION (STC)

| Model                       | SEAM40-170 | SEAM40-180 | SEAM40-190 |
|-----------------------------|------------|------------|------------|
| Rated Power (Pmpp)          | 170W       | 180W       | 190W       |
| Rated Current (Impp)        | 8.11A      | 8.22A      | 8.33A      |
| Rated Voltage (Vmpp)        | 21.17V     | 21.77V     | 22.37V     |
| Short Circuit Current (Isc) | 8.59A      | 8.89A      | 9.19A      |
| Open Circuit Voltage        | 29.79V     | 29.85V     | 29.91V     |



## TEMPERATURE COEFFICIENT

| Nominal Operating Cell Temperature | NOCT     | °C   | 46±2  |
|------------------------------------|----------|------|-------|
| Temperature Coefficient of Isc     | $\alpha$ | %/°C | +0.08 |
| Temperature Coefficient of Voc     | $\beta$  | %/°C | -0.38 |
| Temperature Coefficient of Pmpp    | $\gamma$ | %/°C | -0.49 |



CERTIFIED TO  
IEC61215 / IEC61730



registered as SEAM40

Technical Data for all Modules



## MECHANICAL SPECIFICATION

|                         |  |
|-------------------------|--|
| Cell Type               | Poly-crystalline / Mono-crystalline / bifacial |
| Cell Dimension          | 156mm x 156mm (6" x 6")                        |
| <b>Module Dimension</b> | <b>1652mm x 986mm x 5mm (30mm with J-box)</b>  |
| <b>Weight</b>           | <b>20kg</b>                                    |
| Front Glass             | 2mm tempered AR glass                          |
| Back Glass              | 2mm tempered glass                             |

## LIMITS

|                            |       |                 |
|----------------------------|-------|-----------------|
| Operational Temperature    | °C    | -40~+85         |
| Maximum Static Load        | Pa    | 5400            |
| Maximum Wind Load          | Pa    | 2400            |
| Maximum System Voltage     | V(DC) | IEC:1000 UL:600 |
| Maximum Series Fuse Rating | A     | 15              |