

## WPC-180-BM Technical Specifications

|                                      |  |
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| <b>Model</b>                         | <b>WPC-180-BM (black frame / mono)</b> |
| IEC 61215 Certified: Yes             | Test Report R-PUB07001                 |
| Country of Origin                    | China                                  |
| Nominal power Pmax[W]                | 180                                    |
| Tolerance (%)                        | +/-5%                                  |
| Kind of cell(mono, poly)             | Mono crystalline                       |
| Cells per Module                     | 72                                     |
| Conversion Efficiency                | ≥17%                                   |
| Shape of cell "X" mm*mm              | 125*125                                |
| Voltage Mpp Vmp[V]                   | 37.44V                                 |
| Current Mpp Imp[A]                   | 4.81A                                  |
| Voltage Open circuit Voc (V)         | 44.64V                                 |
| Short circuit current Mpp Isc [A]    | 5.11A                                  |
| NOCT[C]                              | 47°C                                   |
| Maximum system voltage [V]           | 1000V                                  |
| Length [mm]                          | 1575                                   |
| Width [mm]                           | 825                                    |
| Height [mm]                          | 46                                     |
| Weight                               | 17kg                                   |
| Carton Quantity                      | 2 Modules, packed face to face         |
| Frame Type                           | Anodised Aluminum                      |
| Manufacturers Power Warranty %/Years | 80% to 25 years                        |
| Product Warranty                     | 2 years                                |
| Glass thickness [mm]                 | 3.2mm                                  |
| Number and type of diodes            | 3, 10A                                 |
| Connectors                           | MC4                                    |
| Maximum Working Temperature          | + 85°C                                 |
| Minimum Working Temperature          | - 40°C                                 |

