



**15.9 % EFFICIENCY**

**UP TO 265 W**

**60 CELLS**



**Exceeds the IEC standard 3 times over**  
Because standards are there to be surpassed.



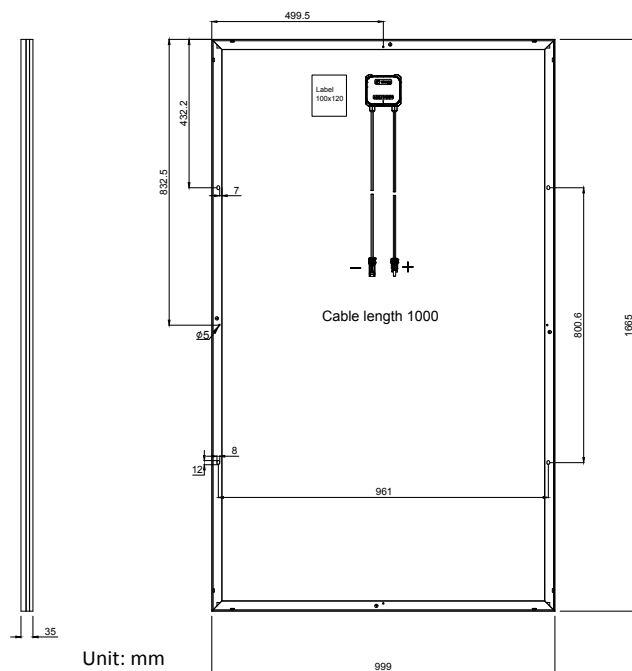
**Designed for fire safety**  
Because plant fires mean more than financial losses alone.



**Protection against the weather and the elements**  
Because long term performance matters.



**25 year linear performance guarantee**  
10 year product warranty.

**Mechanical data**

|                              |   |
|------------------------------|---|
| Cell                         | Polycrystalline 156 x 156 mm silicon cells    |
| Quantity and wiring of cells | 60 in series                                  |
| Dimensions                   | 1,665 x 999 x 35 mm (65.55 x 39.33 x 1.38 in) |
| Weight                       | 19.0 kg (41.9 lbs)                            |
| Glass thickness              | 3.2 mm (0.13 in)                              |
| Frame                        | Silver anodised aluminium                     |
| Junction box                 | IP 67   |
| Connector type               | MC4 (PV-KBT4/PV-KST4) IP68; QC4.10 IP67       |
| Module fire performance      | Type 1  |

**Operating conditions**

|   |                                   |
|---|-----------------------------------|
| Operating temperature                   | -40°C to +85°C<br>-40°F to +185°F |
| Maximum system voltage IEC/UL           | 1,000 V/1,000 V                   |
| Maximum series fuse                     | 25 A                              |
| Maximum load                            | 5,400 Pa                          |
| Nominal operating cell temperature NOCT | 45°C ±3°C                         |
| Temperature coefficient of $P_{MAX}$    | -0.43 %/°C                        |
| Temperature coefficient of $V_{OC}$     | -0.33 %/°C                        |
| Temperature coefficient of $I_{SC}$     | 0.06 %/°C                         |

**Certifications**

IEC 61215, IEC 61730-1/-2, UL 1703 Ed. 3, MCS, JET, CE

| Electrical data (STC)          |           | WST-250P6 | WST-255P6 | WST-260P6 | WST-265P6 |    |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|----|
| Nominal performance            | $P_{MAX}$ | 250       | 255       | 260       | 265       | Wp |
| Voltage at maximum performance | $V_{MP}$  | 30.7      | 31.0      | 31.3      | 31.3      | V  |
| Current at maximum performance | $I_{MP}$  | 8.15      | 8.24      | 8.33      | 8.49      | A  |
| Open circuit voltage           | $V_{OC}$  | 37.5      | 37.7      | 37.9      | 38.1      | V  |
| Short circuit current          | $I_{SC}$  | 8.53      | 8.60      | 8.67      | 9.21      | A  |
| Module efficiency              |           | 15.0      | 15.3      | 15.6      | 15.9      | %  |
| Power tolerance                |           | -0/+5     |           |           |           | W  |

Reduction in the module efficiency rating from 1,000 W/m<sup>2</sup> to 200 W/m<sup>2</sup>: < 4%. The electrical data applies under standard test conditions (STC): solar radiation 1,000 W/m<sup>2</sup> with light spectrum AM 1.5, with cell temperature 25°C. Measurement tolerance of  $P_{MAX}$  at STC: ±3%. Accuracy of other electrical data: ±10%.

| Electrical data (NOCT)         |           | WST-250P6 | WST-255P6 | WST-260P6 | WST-265P6 |    |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|----|
| Nominal performance            | $P_{MAX}$ | 183       | 187       | 190       | 194       | Wp |
| Voltage at maximum performance | $V_{MP}$  | 27.7      | 27.9      | 28.1      | 28.2      | V  |
| Current at maximum performance | $I_{MP}$  | 6.61      | 6.69      | 6.76      | 6.89      | A  |
| Open circuit voltage           | $V_{OC}$  | 34.3      | 34.5      | 34.7      | 34.8      | V  |
| Short circuit current          | $I_{SC}$  | 6.97      | 7.03      | 7.09      | 7.53      | A  |

The electrical data applies under normal operating cell temperature (NOCT): solar radiation 800 W/m<sup>2</sup>, AM 1.5, air temperature 20°C, wind speed 1 m/s.

