



up to
260 Wp

**Tested 3 times above IEC standard**

Because standards are there to be surpassed.

**99 % relative efficiency at weak-light**

Because a 3 % increase in yield makes a big difference.

**Protection against the weather and the elements**

Because long term performance matters.

**Designed for fire safety**

Because plant fires mean more than financial losses alone.

**We've thought of everything**

Because you want to enjoy your solar investment worry-free.

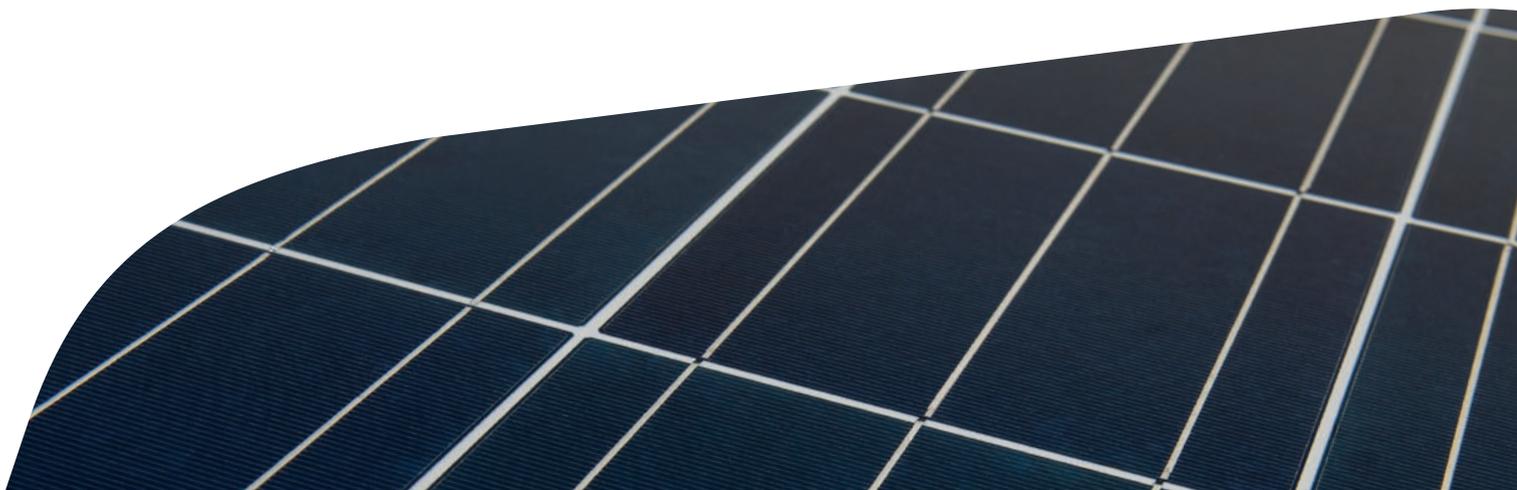
LOW
DEGRADATIONCONTROLLED
GOODS FLOW

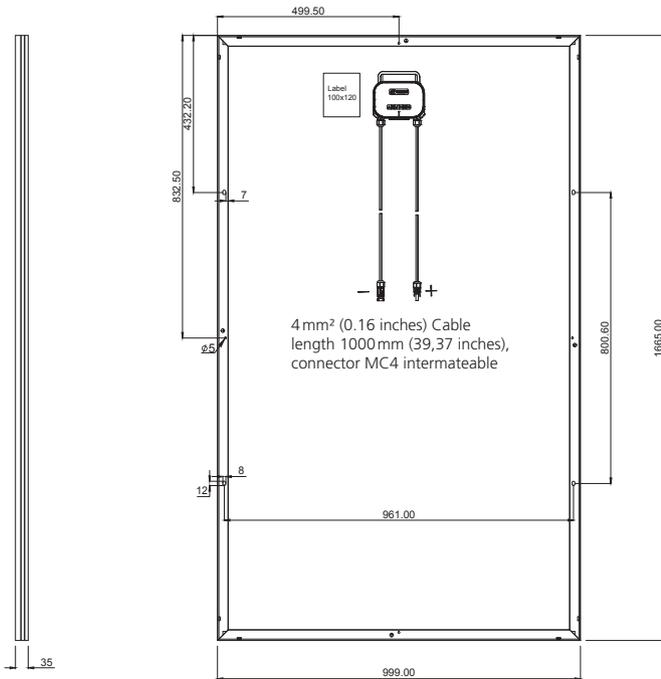
EL-CHECKED

**Full plant protection for up to 10 years**

Because it's good to know that provisions are in place.

Product guarantee for up to 10 years
Linear 25-year performance guarantee
Positive tolerances 0/+5 Wp





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/black anodised aluminium
Junction box	IP 65
Connector Type:	QC Solar / QC4 (IP67); Multi-contact / MC4 (IP67); Tyco / PV4 (IP67)

Operating conditions

Operating temperature	-40 °C to +85 °C -40 °F to +185 °F
Maximum system voltage IEC/UL	1,000 V/1,000 V
Maximum reverse current	15 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}	0.05 %/°C

Certifications

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

WST series Rear view

Electrical data (STC)	WST-250P6	WST-255P6	WST-260P6	
Nominal performance P_{MAX}	250	255	260	Wp
Voltage at maximum performance V_{MP}	30.7	31.0	31.3	V
Current at maximum performance I_{MP}	8.15	8.24	8.33	A
Open circuit voltage V_{OC}	37.5	37.7	37.9	V
Short circuit current I_{SC}	8.53	8.60	8.67	A
Module efficiency	15.1	15.4	15.7	%

Reduction in the module efficiency rating from 1,000 W/m² to 200 W/m²: < 4 %. The electrical data applies under standard test conditions (STC): solar radiation 1,000 W/m² 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	
Nominal performance P_{MAX}	183	187	190	Wp
Voltage at maximum performance V_{MP}	27.8	28.0	28.2	V
Current at maximum performance I_{MP}	6.6	6.69	6.74	A
Open circuit voltage V_{OC}	34.1	34.3	34.4	V
Short circuit current I_{SC}	7.05	7.11	7.17	A

The electrical data applies under normal operating cell temperature (NOCT): solar radiation 800 W/m², AM 1.5, air temperature 20 °C, wind speed 1 m/s.

Good to know

This frame type, produced fully from aluminium, guarantees the maximum in stability and protection against material fatigue. The inside corner elements provide for greater torsional stiffness and waterproofing in the critical corner areas where the material is at its weakest and guarantee the best possible transfer of tension between the individual frame sections.



WINAICO is a trademark of Win Win Precision Technology Co., Ltd.

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