

**up to
265 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
DEGRADATION



CONTROLLED
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 12 years
Linear 25-year performance guarantee
Positive tolerances 0/+5 Wp

Cell	Monocrystalline 156 x 156 mm silicon cells
Quantity and wiring of cells	60 in series
Dimensions	1,665 x 999 x 40 mm (65.55 x 39.33 x 1.57 in)
Weight	19.6 kg (43.2 lbs)
Glass thickness	3.2 mm (0.13 in)
Frame	Black anodised aluminium
Junction box	IP 65
Connector Type:	QC Solar / QC4 (IP67); Multi-contact / MC4 (IP67); Tyco / PV4 (IP67)

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 ± 3 °C
Temperature coefficient of P_{MAX}	-0.44 %/°C
Temperature coefficient of V_{OC}	-0.34 %/°C
Temperature coefficient of I_{sc}	0.06 %/°C

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

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 %.

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.

This frame variant, produced fully from aluminium, guarantees the maximum in stability and protection against material fatigue. The rounded corner elements provide for greater torsional stiffness and waterproofing in the critical corner areas where the material is at its weakest. In contrast to corner connections with mitred cuts or threaded connections, WINALCO corner elements 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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