



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.



up to

265 Wp



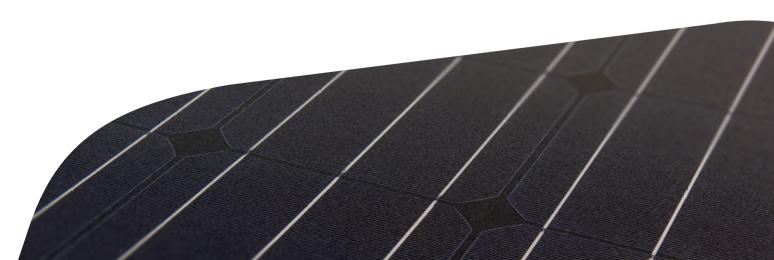
LOW CONTROLLED DEGRADATION GOODS FLOW

ED EL-CHE

Product guarantee for up to 12 years Linear 25-year performance guarantee Positive tolerances 0/+5 Wp



Full plant protection for up to 10 years Because it's good to know that provisions are in place.



Mechanical data

Cell Monocrystalline 156 x 156 mm silicon cells Quantity and wiring of cells 60 in series Dimensions Weight Glass thickness Frame Junction box IP 65 Connector Type:

1,665 x 999 x 40 mm (65.55 x 39.33 x 1.57 in) 19.6 kg (43.2 lbs) 3.2 mm (0.13 in) Black anodised aluminium QC Solar / QC4 (IP67); Multi-contact / MC4 (IP67); Tyco / PV4 (IP67)

–40°C to +85°C

Operating conditions

Operating temperature

-40°F to +185°F Maximum system voltage IEC/UL 1,000 \//1,000 \/ Maximum reverse current 15 A 5.400 Pa Maximum load 45±3°C Nominal operating cell temperature NOCT Temperature coefficient of P_{MAX} -0.44 %/°C Temperature coefficient of V_{oc} -0.34 %/°C Temperature coefficient of Isc 0.06 %/°C

Certifications

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

Electrical data (STC)		WSP-250M6	WSP-255M6	WSP-260M6	WSP-265M6	
Nominal performance	P_{MAX}	250	255	260	265	Wp
Voltage at maximum performance	V_{PM}	29,9	30,3	30,4	30,5	V
Current at maximum performance	I _{PM}	8,38	8,42	8,56	8,69	A
Open circuit voltage	$V_{\rm oc}$	37,4	37,5	37,7	37,9	V
Short circuit current	I_{SC}	8,89	8,95	9,05	9,14	А
Module efficiency		15,1	15,3	15,6	15,9	%

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)		WSP-250M6	WSP-255M6	WSP-260M6	WSP-265M6	
Nominal performance	P_{MAX}	183	187	191	195	Wp
Voltage at maximum performance	V _{MP}	26,9	27,2	27,4	27,7	V
Current at maximum performance	I _{mp}	6,79	6,88	6,97	7,06	A
Open circuit voltage	V _{oc}	34,0	34,2	34,4	34,7	V
Short circuit current	I_{sc}	7,29	7,32	7,35	7,38	А

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.

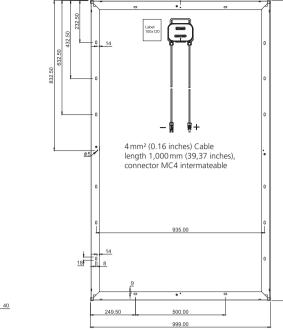
Good to know



This frame 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, WINAICO 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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499.50

WSP series

MINAICO WSP-M6 Full Black

Rear view