



XS72CB PHOTOVOLTAIC MODULES

XS72+ SERIES PHOTOVOLTAIC MODULES

PEAK POWER: 360-375 Wp

FEATURES INCLUDE:

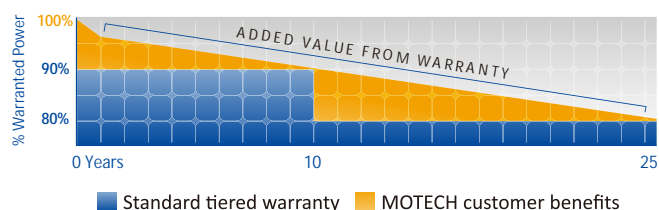
- 72 MOTECH monocrystalline solar cells connected in series
- Positive power tolerance of 0~3% improves system performance
- Industry-leading module efficiency: maximum efficiency of 19.35%
- Tested up to 5400Pa for maximum load resistance
- Verified resistance against PID effects (PID free)
- Progressive Power Warranty guarantees 80% of rated power at 25 years
- Manufactured globally with world-class quality standards

QUALITY, RELIABILITY, AND KWH YIELD

MOTECH modules are powered by industry acknowledged high performance, reliable MOTECH silicon cells. 20 years of experience in solar module engineering and design, along with rigorous durability and performance tests, ensure reliable lifetime performance and maximum kWh yield.

25-YEAR PROGRESSIVE WARRANTY*

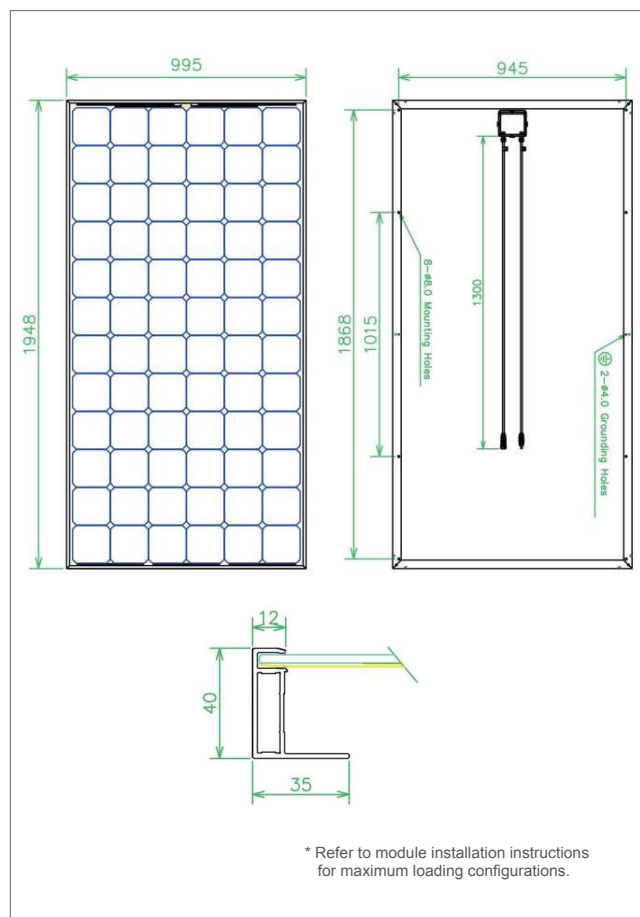
- 25-year progressive power warranty
- 10-year warranty on materials and workmanship



CERTIFICATIONS & STANDARDS*



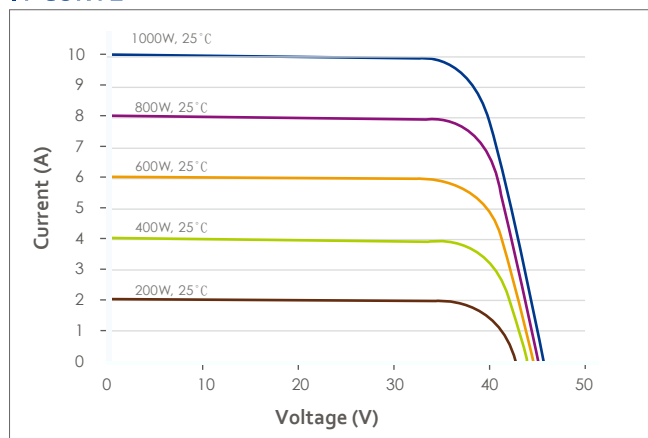
PHYSICAL CHARACTERISTICS



PHYSICAL DESIGN PROPERTIES

Dimension	1948×995×40mm
Weight	22.5 kg±5%
Junction Box	IP67 or above with 3 bypass diodes
Output Cables	Φ4.0mm ² ,1000mm
Connectors	MC4 Compatible
Packing	26 pieces/ pallet, 624 pieces/ container (40ft HQ)

IV CURVE



ELECTRICAL PERFORMANCE

	XS72CB-360	XS72CB-365	XS72CB-370	XS72CB-375
Electrical Performance @ STC				
Maximum Power P _{max} [Wp]	360	365	370	375
Max. Power Voltage V _{mpp} (V)	39.30	39.80	40.01	40.24
Max. Power Current I _{mpp} (A)	9.16	9.17	9.25	9.32
Open Circuit Voltage V _{oc} (V)	48.02	48.24	48.38	48.54
Short Circuit Current I _{sc} (A)	9.74	9.83	9.93	10.03
Module Efficiency (%)	18.6%	18.8%	19.1%	19.35%

ELECTRICAL PERFORMANCE PARAMETERS

Isc Temperature Coefficient	α (%/°C)	+0.06	Max. Series Fuse	15A
Voc Temperature Coefficient	β (%/°C)	-0.33	Max. System Voltage	IEC 1000V
Pmax Temperature Coefficient	γ (%/°C)	-0.44	Nominal Operating Cell Temp. (NOCT)	46°C ± 2°C
Efficiency Reduction at 200W/m ² , 25°C		<5%		

IV parameters are rated at Standard Test Conditions (Irradiance of 1000 W/m², AM 1.5, cell temperature 25°C). All measurements are guaranteed at the laminate leads. NOCT is measured at 800 W/m², 20°C ambient, and 1 m/s windspeed. Specifications are subject to change without notice. Motech reserves the rights of final interpretation and revision on this datasheet.

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