XS72+SERIES PHOTOVOLTAIC MODULES

PEAK POWER: 370-375 Wp

FEATURES INCLUDE:

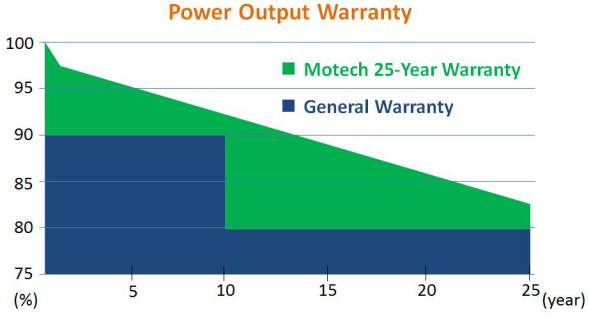
- 72 monocrystalline solar cells connected in series.
- Positive power tolerance of 0~3% improves system performance
- Industry-leading module efficiency:maximum efficiency of 19.33%
- Tested up to 5400Pa for maximum load resistance.
- Verified resistance against PID effects
- Progressive Power Warranty guarantees 83.1% of rated power at 25 years
- Manufactured globally with world-class quality standards

QUALITY, RELIABILITY, AND KWH YIELD

Modules are powered by industry acknowledged high performance, reliable 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
- 12-year warranty on materials and workmanship

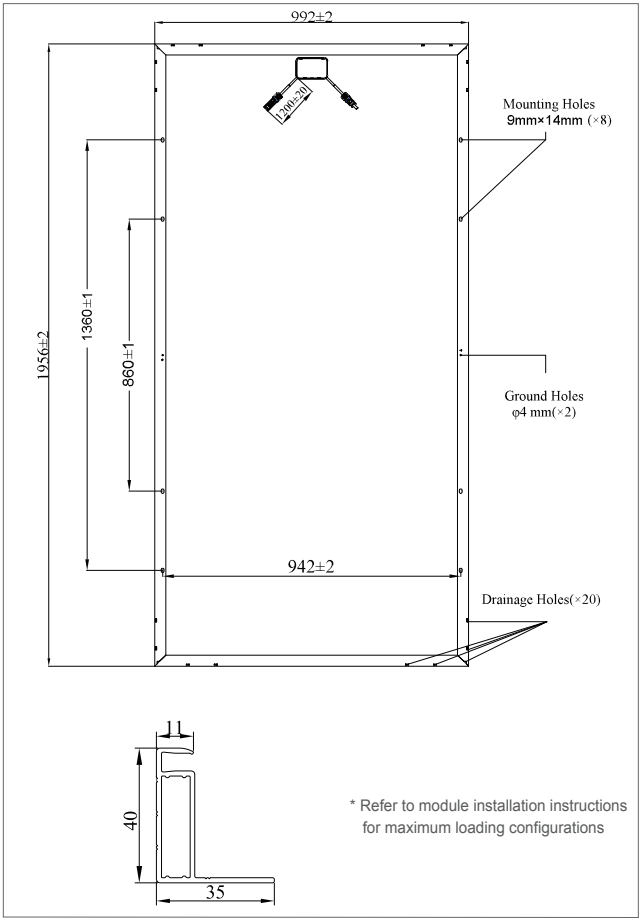


CERTIFICATIONS & STANDARDS*

CE IEC ETL EU Intertek APPLICATION CLASS A

XS72CB PHOTOVOLTAIC MODULES

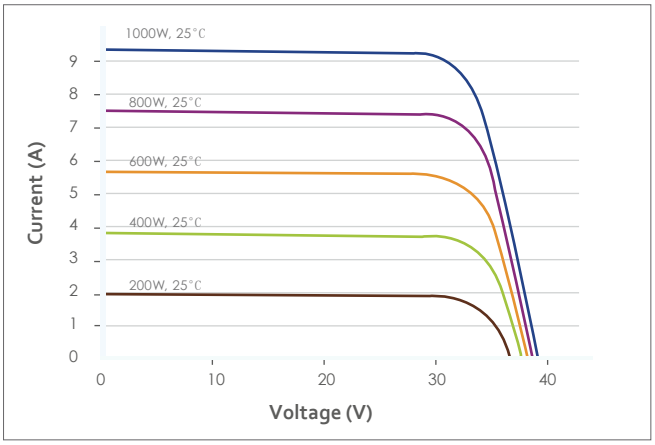
PHYSICAL CHARACTERISTICS



PHYSICAL DESIGN PROPERTIES

Dimension	1956×992×40mm
Weight	23 kg±5%
Glass	3.2 mm Tempered Coated PV Glass
Junction Box	IP68 with 3 bypass diodes
Output Cables	Φ4.0mm², 1200mm
Connectors	MC4 Compatible
Packing	27 pcs/pallet, 594 pcs/container(40'HQ)

IV CURVE



ELECTRICAL PERFORMANCE

Electrical Performance @ STC	XS72CB-370	XS72CB-375
Maximum Power Pmax[Wp]	370	375
Max. Power Voltage Vmpp(V)	39.83	40.02
Max. Power Current Impp(A)	9.29	9.37
Open Circuit Voltage Voc(V)	49.12	49.42
Short Circuit Current Isc(A)	9.50	9.53
Module Efficiency (%)	19.07%	19.33%

ELECTRICAL PERFORMANCE PARAMETERS

Isc Temperature Coefficient	α (%/°C)	+0.06	Maximum Series Fuse Rating	15A
Voc Temperature Coefficient	β (%/°C)	-0.33	Max. System Voltage (IEC)	1000V
Pmax Temperature Coefficient	γ (%/°C)	-0.41	Nominal Operating Cell Temp.(NOCT)	45°C ± 2°C

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.

DOC21TW002 Mar A Apr 2021

Motech Industries, Inc. Solar Division
Tainan Science Park ı No.2, Dashun 9th Rd., Xinshi Dist., Tainan City, 74145, Taiwan
Tel: +886-6-5050789 Fax:+886-6-5051789
E-mail: modules@motech.com.tw
www.motechsolar.com