

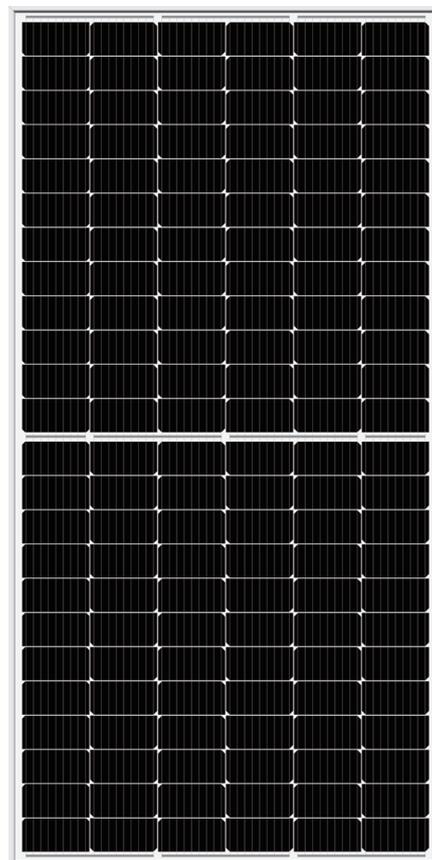


XS72+ SERIES HALF-CUT PV MODULES

PEAK POWER: 435-445 Wp

FEATURES INCLUDE:

- 72 monocrystalline solar cells comprised in series.
- Positive power tolerance of 0~+3% improves system performance.
- Industry-leading module efficiency: maximum efficiency of 20.14%.
- 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

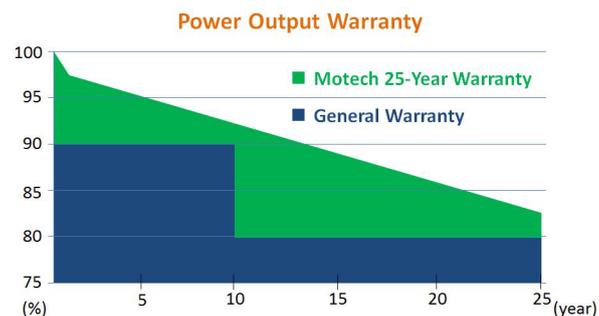


QUALITY, RELIABILITY, AND KWH YIELD

MOTECH 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*

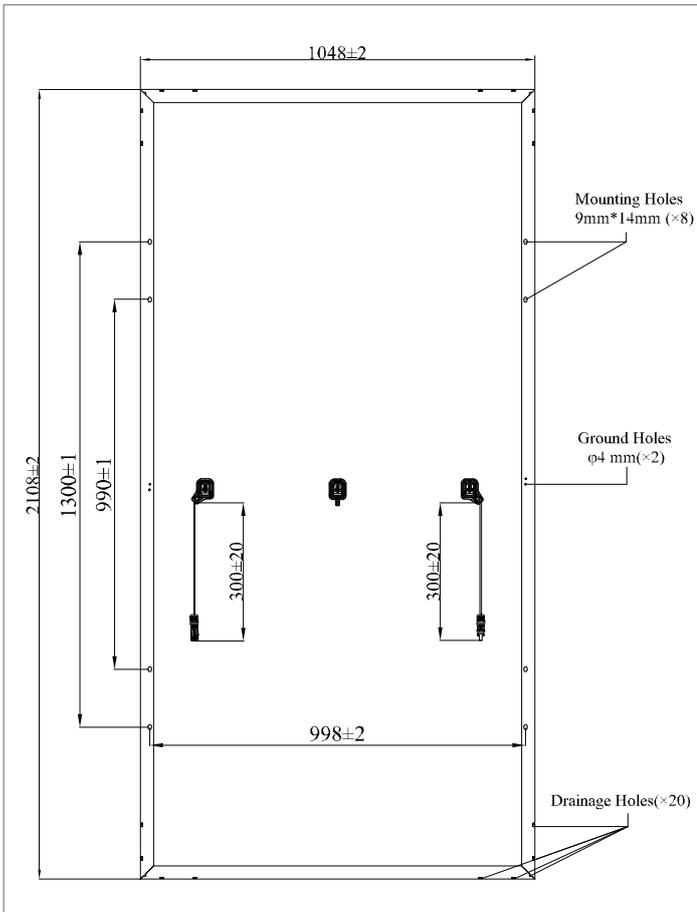
- 25-year progressive power warranty
- 12-year warranty on materials and workmanship



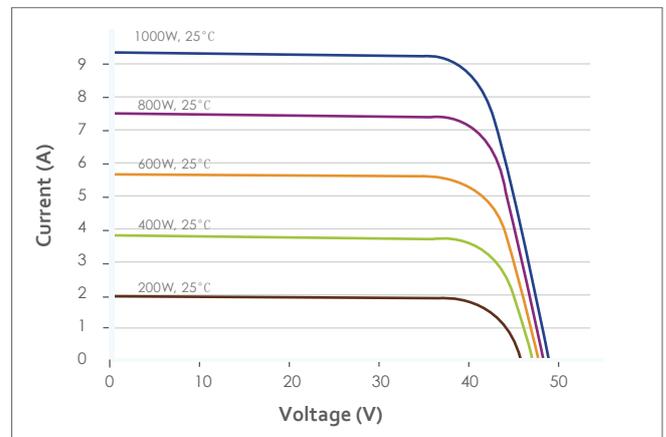
CERTIFICATIONS & STANDARDS*



Application Class A

PHYSICAL CHARACTERISTICS

PHYSICAL DESIGN PROPERTIES

Dimension	2108×1048×40 or 35mm
Weight	25.0 ±1kg
Glass	3.2 mm Tempered Coated PV Glass
Junction Box	IP68 with 3 bypass diodes
Output Cables	Φ4.0mm ² ,P(+) 300mm /N(-) 300mm
Connectors	MC4 Compatible
Packing	27 pcs/pallet, 594 pcs/container(40'HQ)

IV CURVE

ELECTRICAL PERFORMANCE
XS72CE-435
XS72CE-440
XS72CE-445

Electrical Performance @ STC		XS72CE-435	XS72CE-440	XS72CE-445
Maximum Power Pmax[Wp]		435	440	445
Max. Power Voltage Vmpp(V)		40.9	41.1	41.3
Max. Power Current Imp(A)		10.64	10.71	10.78
Open Circuit Voltage Voc(V)		48.7	48.9	49.1
Short Circuit Current Isc(A)		11.42	11.50	11.57
Module Efficiency (%)		19.69%	19.92%	20.14%

ELECTRICAL PERFORMANCE PARAMETERS

Isc Temperature Coefficient	α (%/°C)	+0.032	Maximum Series Fuse Rating	20A
Voc Temperature Coefficient	β (%/°C)	-0.263	Max. System Voltage (IEC)	1500V
Pmax Temperature Coefficient	γ (%/°C)	-0.347	Nominal module operating temperature(NMOT)	41°C ± 3°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.

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