



XS60+ SERIES PHOTOVOLTAIC MODULES

PEAK POWER: 310-315 Wp

FEATURES INCLUDE:

- 60 monocrystalline solar cells connected in series.
- Positive power tolerance of 0~3% improves system performance
- Industry-leading module efficiency: maximum efficiency of 19.67%
- 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

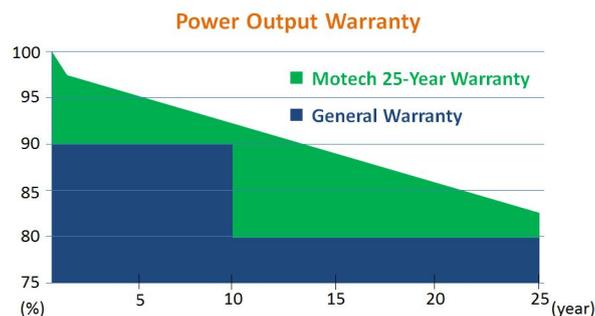


QUALITY, RELIABILITY, AND KWH YIELD

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.

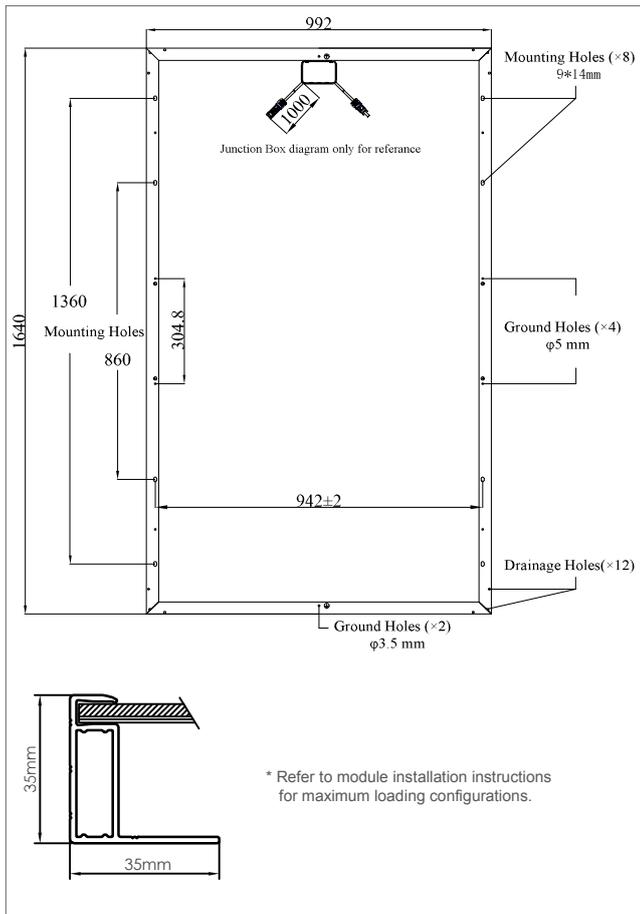
25-YEAR PROGRESSIVE WARRANTY*

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

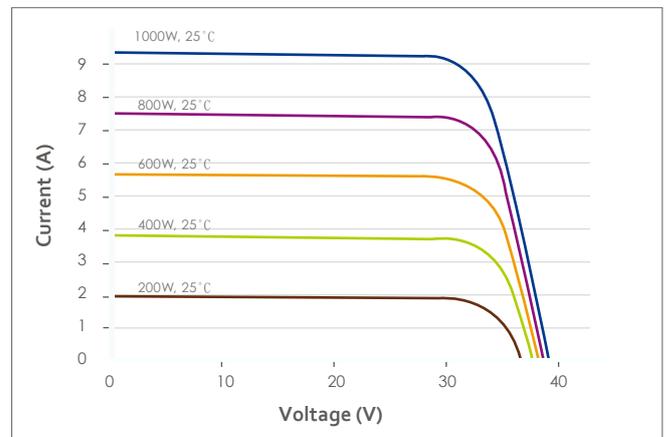


CERTIFICATIONS & STANDARDS*



PHYSICAL CHARACTERISTICS

PHYSICAL DESIGN PROPERTIES

Dimension	1640×992×35mm
Weight	18.5 kg±5%
Glass	3.2 mm Tempered Coated PV Glass
Junction Box	IP67 or above with 3 bypass diodes
Output Cables	Φ4.0mm ² , 1000mm
Connectors	MC4 Compatible
Packing	31 pcs/pallet, 868 pcs/container(40'HQ)

IV CURVE

ELECTRICAL PERFORMANCE
XS60CB-310
XS60CB-315

Electrical Performance @ STC		XS60CB-310	XS60CB-315
Maximum Power P _{max} [Wp]		310	315
Max. Power Voltage	V _{mpp} (V)	33.26	33.55
Max. Power Current	I _{mpp} (A)	9.32	9.39
Open Circuit Voltage	V _{oc} (V)	39.19	39.33
Short Circuit Current	I _{sc} (A)	9.53	9.56
Module Efficiency (%)		19.05%	19.36%

ELECTRICAL PERFORMANCE PARAMETERS

I _{sc} Temperature Coefficient	α (%/°C)	+0.06	Maximum Series Fuse Rating	15A
V _{oc} Temperature Coefficient	β (%/°C)	-0.33	Max. System Voltage (IEC)	1000V
P _{max} 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.

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