



# XS60+ SERIES HALF-CUT PV MODULES

PEAK POWER: 330-340 Wp

## FEATURES INCLUDE:

- 60 monocrystalline solar cells comprised in series.
- Positive power tolerance of 0~+3% improves system performance.
- Industry-leading module efficiency: maximum efficiency of 20.15%.
- 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

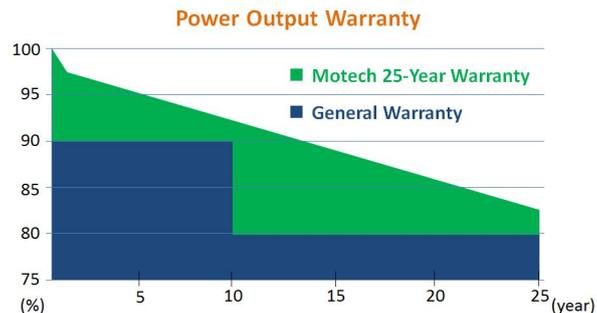
## QUALITY, RELIABILITY, AND KWH YIELD

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.



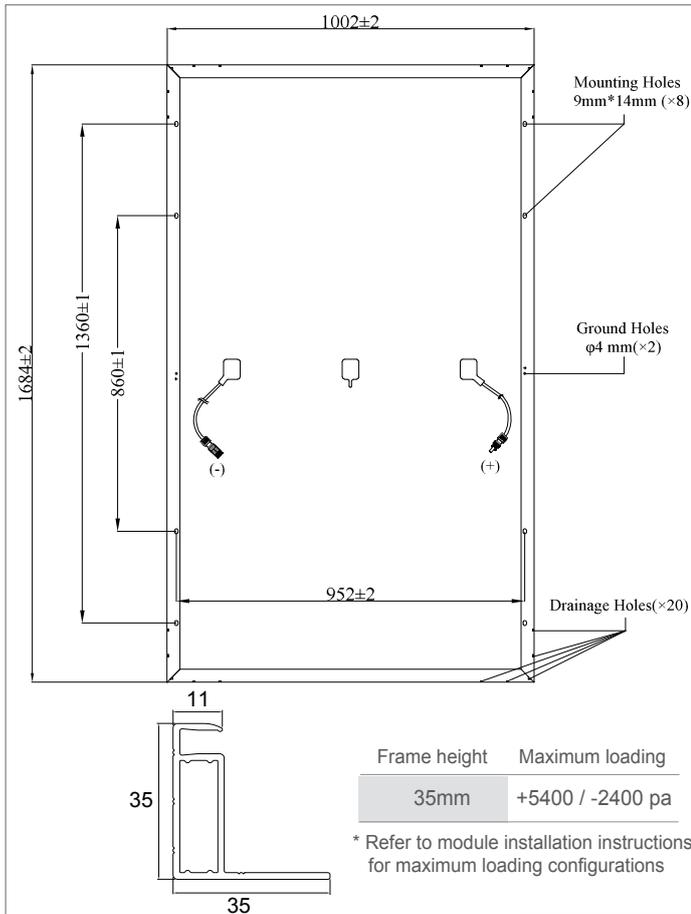
## 25-YEAR PROGRESSIVE WARRANTY\*

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

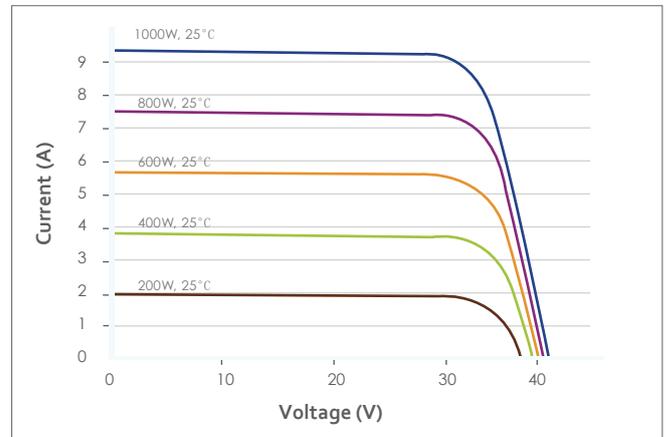


## CERTIFICATIONS & STANDARDS\*



**PHYSICAL CHARACTERISTICS**

**PHYSICAL DESIGN PROPERTIES**

Dimension	1684×1002×35mm
Weight	18.8 kg±5%
Glass	3.2 mm Tempered Coated PV Glass
Junction Box	IP68 with 3 bypass diodes
Output Cables	Φ4.0mm <sup>2</sup> ,P(+) 300mm /N(-) 400mm
Connectors	MC4 Compatible
Packing	31 pcs/pallet, 806 pcs/container(40'HQ)

**IV CURVE**

**ELECTRICAL PERFORMANCE**
**XS60CA-330**
**XS60CA-335**
**XS60CA-340**

Electrical Performance @ STC		XS60CA-330	XS60CA-335	XS60CA-340
Maximum Power P <sub>max</sub> [Wp]		330	335	340
Max. Power Voltage V <sub>mpp</sub> (V)		33.9	34.1	34.3
Max. Power Current I <sub>mpp</sub> (A)		9.74	9.83	9.92
Open Circuit Voltage V <sub>oc</sub> (V)		41.0	41.2	41.4
Short Circuit Current I <sub>sc</sub> (A)		10.33	10.38	10.44
Module Efficiency (%)		19.56%	19.85%	20.15%

**ELECTRICAL PERFORMANCE PARAMETERS**

I <sub>sc</sub> Temperature Coefficient	α (%/°C)	+0.048	Maximum Series Fuse Rating	15A
V <sub>oc</sub> Temperature Coefficient	β (%/°C)	-0.28	Max. System Voltage (IEC)	1000V
P <sub>max</sub> Temperature Coefficient	γ (%/°C)	-0.36	Nominal Operating Cell Temp.(NOCT)	45°C ± 2°C

IV parameters are rated at Standard Test Conditions (Irradiance of 1000 W/m<sup>2</sup>, AM 1.5, cell temperature 25°C). All measurements are guaranteed at the laminate leads. NOCT is measured at 800 W/m<sup>2</sup>, 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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