



XS60+ SERIES HALF-CUT PV MODULES

PEAK POWER: 365-375 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 20.27%.
- 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

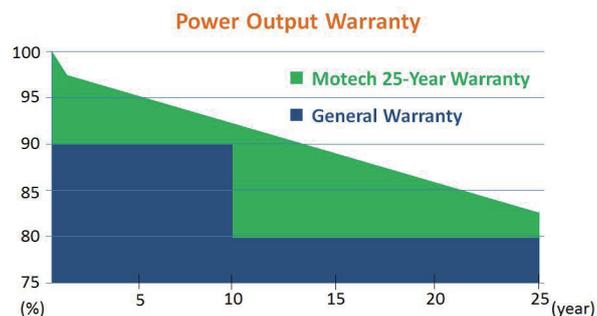


QUALITY, RELIABILITY, AND KWH YIELD

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*

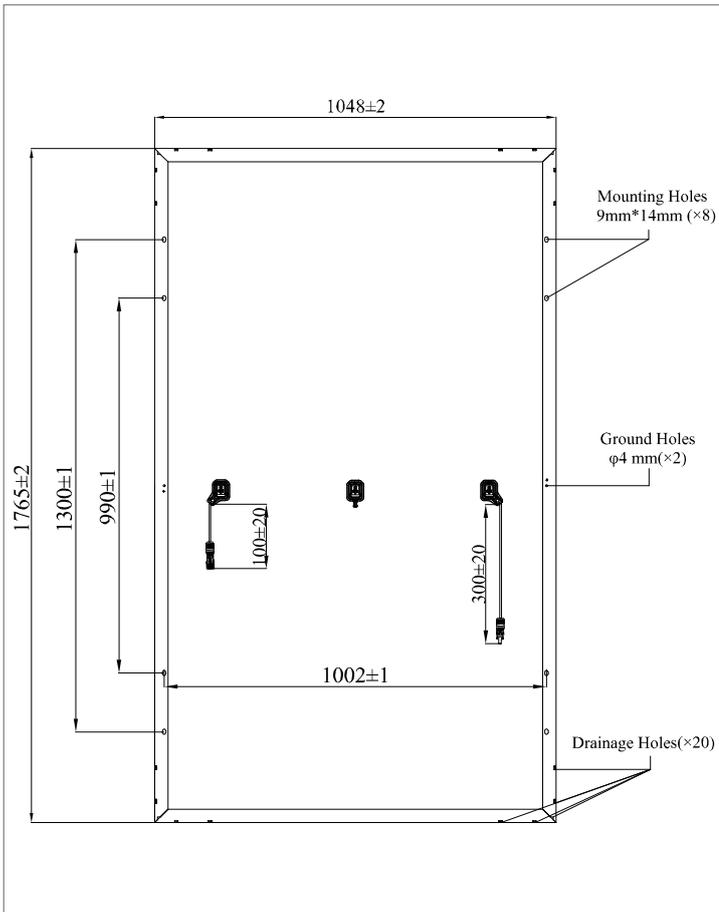
- 25-year progressive power warranty
- 12-year warranty on materials and workmanship



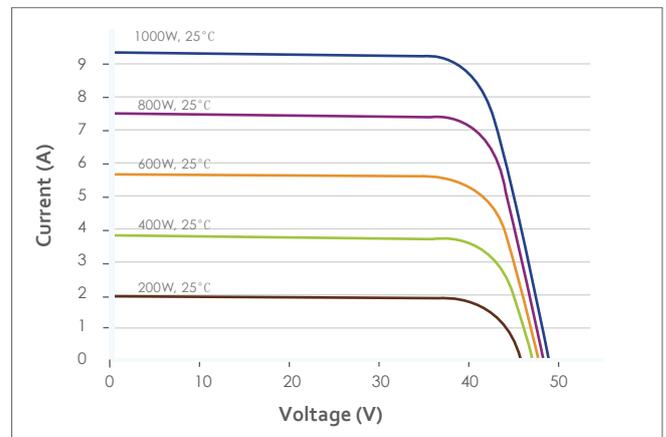
CERTIFICATIONS & STANDARDS*



Application Class A

PHYSICAL CHARACTERISTICS

PHYSICAL DESIGN PROPERTIES

Dimension	1765×1048×35mm
Weight	21.0 ±1kg
Glass	3.2 mm Tempered Coated PV Glass
Junction Box	IP68 with 3 bypass diodes
Output Cables	Φ4.0mm ² ,P(+) 300mm /N(-) 100mm
Connectors	MC4 Compatible
Packing	31 pcs/pallet, 806 pcs/container(40'HQ)

IV CURVE

ELECTRICAL PERFORMANCE
XS60CE-365
XS60CE-370
XS60CE-375

Electrical Performance @ STC				
Maximum Power P _{max} [Wp]		365	370	375
Max. Power Voltage V _{mpp} (V)		35.3	35.5	35.7
Max. Power Current I _{mpp} (A)		10.34	10.43	10.51
Open Circuit Voltage V _{oc} (V)		42.4	42.6	42.8
Short Circuit Current I _{sc} (A)		10.69	10.74	10.81
Module Efficiency (%)		19.73%	20.00%	20.27%

ELECTRICAL PERFORMANCE PARAMETERS

I _{sc} Temperature Coefficient	α (%/°C)	+0.032	Maximum Series Fuse Rating	20A
V _{oc} Temperature Coefficient	β (%/°C)	-0.263	Max. System Voltage (IEC)	1500V
P _{max} 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. NMOT 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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Motech Industries, Inc. Solar Division
 Tainan Science Park I 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