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motech.nt-rt.ru || mhg@nt-rt.ru

XS60CE PHOTOVOLTAIC MODULES

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.



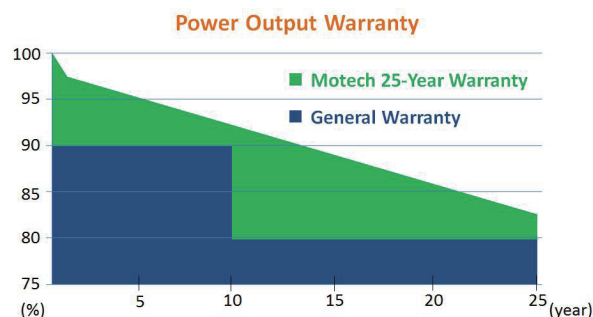
25-YEAR PROGRESSIVE WARRANTY*

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

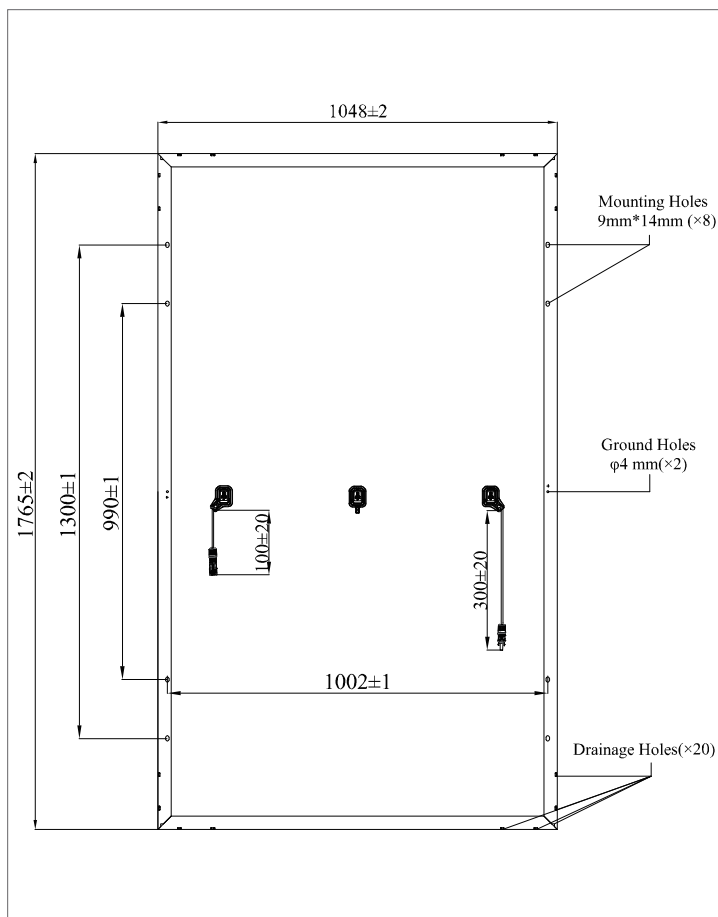
CERTIFICATIONS & STANDARDS*



Application Class A



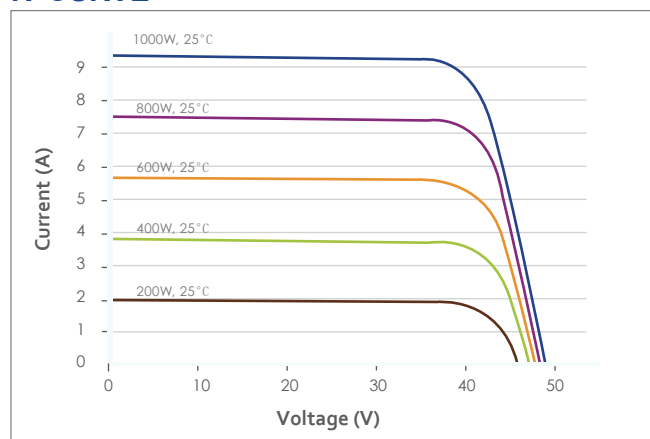
PHYSICAL CHARACTERISTICS



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	Φ4.0mm²,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 Pmax[Wp]		365	370
Max. Power Voltage	Vmpp(V)	35.3	35.5
Max. Power Current	Imp(A)	10.34	10.43
Open Circuit Voltage	Voc(V)	42.4	42.8
Short Circuit Current	Isc(A)	10.69	10.74
Module Efficiency (%)		19.73%	20.00%

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.

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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