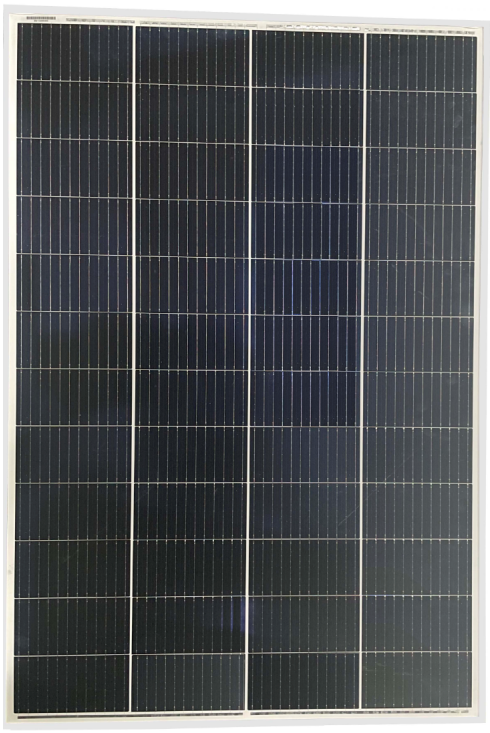
XS24+SERIES PHOTOVOLTAIC MODULES

PEAK POWER: 240-245 Wp



FEATURES INCLUDE:

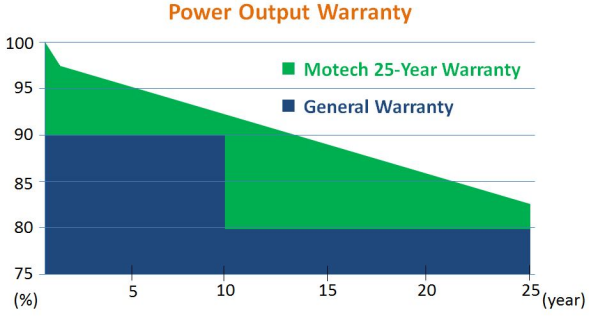
- 48 half-cut monocrystalline solar cells connected in series.
- Positive power tolerance of 0~3% improves system performance
- Industry-leading module efficiency:maximum efficiency of 20.52%
- Tested up to 5400Pa for maximum load resistance.
- Verified resistance against PID effects
- Progressive Power 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. 25 years of experience in solar module engineering and design, along with rigorous durability and performance tests, ensure reliable lifetime performance and maximum kWh yield.

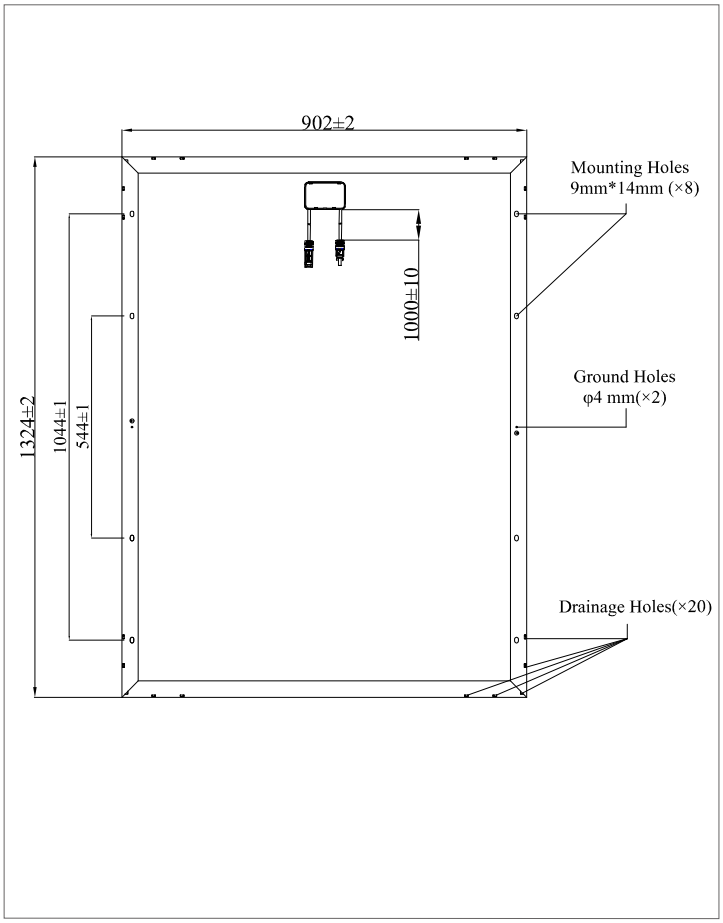
25-YEAR PROGRESSIVE WARRANTY*

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



CERTIFICATIONS & STANDARDS*

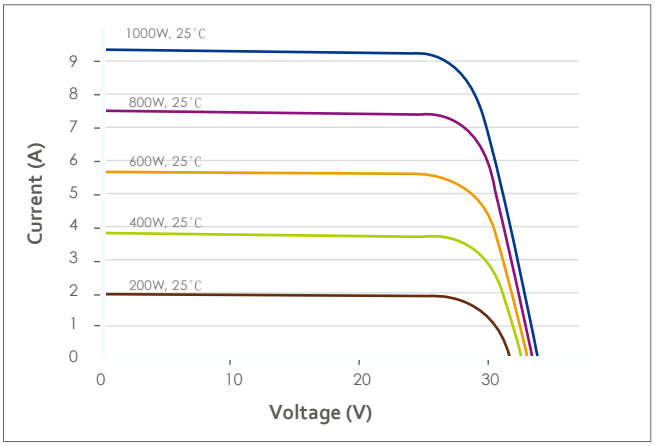
PHYSICAL CHARACTERISTICS



PHYSICAL DESIGN PROPERTIES

Dimension	1324×902×30mm
Weight	13.5 kg±5%
Glass	3.2 mm, High Transmission, AR Coated Tempered Glass
Junction Box	IP68
Output Cables	Φ4.0mm²,1000mm
Connectors	MC4 Compatible
Packing	36 pcs/pallet, 1152 pcs/container(40'HQ)

IV CURVE



ELECTRICAL PERFORMANCE

Electrical Performance @ STC	XS24CG-240	XS24CG-245
Maximum Power Pmax[Wp]	240	245
Max. Power Voltage Vmpp(V)	27.21	27.42
Max. Power Current Impp(A)	8.82	8.94
Open Circuit Voltage Voc(V)	33.04	33.25
Short Circuit Current Isc(A)	9.21	9.32
Module Efficiency (%)	20.10%	20.52%

ELECTRICAL PERFORMANCE PARAMETERS

Isc Temperature Coefficient	α (%/°C)	+0.032	Maximum Series Fuse Rating	15A
Voc Temperature Coefficient	β (%/°C)	-0.257	Max. System Voltage (IEC)	1000V
Pmax Temperature Coefficient	γ (%/°C)	-0.348	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.

M31-220-005-A

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