



250 / 6 MNS PHOTOVOLTAIC MODULE

Three Full Decades of Power - Guaranteed

- › With our 30-Year, 80% Power Guarantee, you can be assured top-production for 3 decades
- › Industry leading 12 Year, 90% Power Guarantee

High Efficiency Modules when Value Matters Most

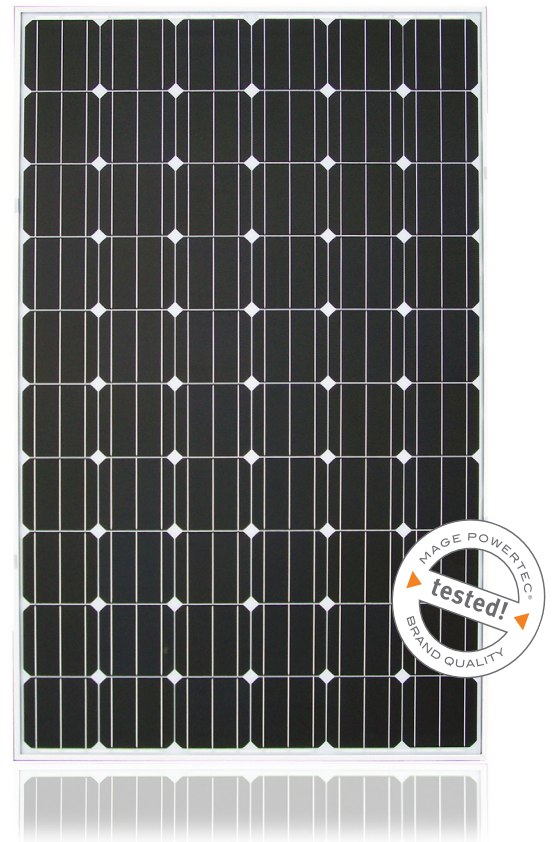
- › Only positive tolerances of up to +5 watts ensure maximum power without compromise
- › Simple compatibility with any of our inverter partner products to achieve maximum system output

Quality Tested, Service Assured

- › Certified by the most rigorous US and International standards
- › 10-Year Product Warranty
- › Built to withstand even the most harsh conditions

Flexible Design

- › Ideal for all rooftops and ground mount installations
- › Easily connected to the grid or used in off-grid scenarios
- › Suitable for use on ungrounded PV arrays



Number of Cells: 60
Solar Cell Type: monocrystalline
Power class: 250 Wp



ELECTRICAL CHARACTERISTICS

Maximum Power Rating	P_{max} [Wp]	250
Tolerance of P_{max}	P [Wp]	-0/+5
Maximum Power Voltage of P_{max}	U_{mpp} [V]	30.55
Maximum Power Current P_{max}	I_{mpp} [A]	8.21
Short Circuit Current	I_{sc} [A]	8.70
Open Circuit Voltage	U_{oc} [V]	37.70
Maximum System Voltage	[V]	600
Maximum Series Fuse	[A]	15

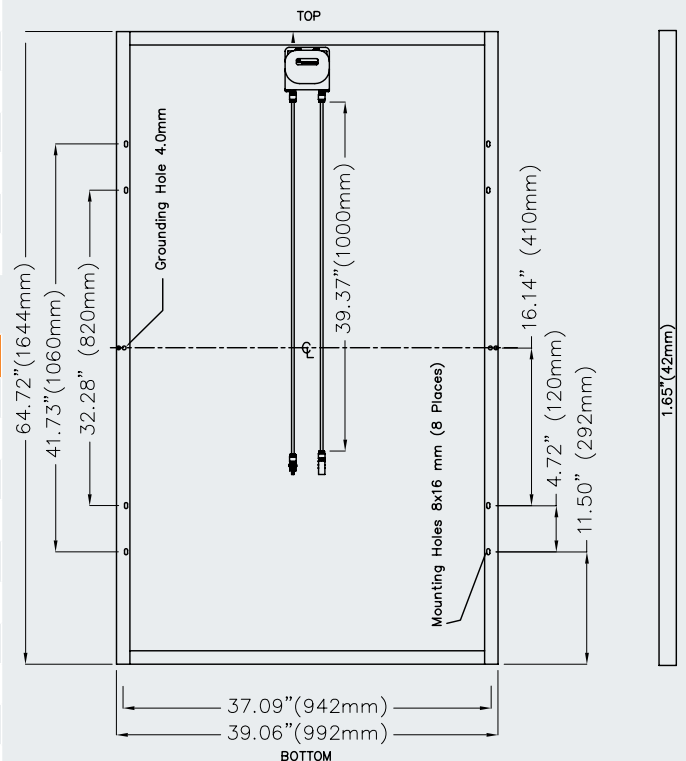
* STC @ 25° C, 1000 W/m², AM 1.5

TECHNICAL FACTS

Number of Cells [Matrix]	60 [6 x 10]
Solar Cell Type	monocrystalline
Solar Cell Size [mm]	156 x 156
Solar Cell Size [in]	6 x 6
Dimensions [L x W x H mm]	1644 x 992 x 42
Dimensions [L x W x H in]	64.72 x 39.06 x 1.65
Weight [kg]	19.0
Weight [lbs]	41.9
Module Efficiency [%]	15.33
Connector Type	MC4 Equivalent

THERMAL CHARACTERISTICS

NOCT	[°C]	+ 46 ±2
Temperature Coefficient	I_{sc} [% / K]	+ 0.04
Temperature Coefficient	U_{oc} [% / K]	- 0.32
Temperature Coefficient	P_{max} [% / K]	- 0.43



UL1703



CEC

FSEC



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