High-Power PERC Module

MSE PERC 72

CERTIFIED RELIABILITY
› Tested to UL1703 & IEC standards
› PID resistant

ADVANCED TECHNOLOGY
› PERC and 5 busbar drive >18% module efficiency
› Ideal for all applications

EXTREME WEATHER RESILIENCE
› 5631 Pa front and back load (117 psf) tested load to UL1703

BAA COMPLIANT FOR GOVERNMENT PROJECTS
› Buy American Act
› American Recovery & Reinvestment Act

365-375W
CLASS-LEADING POWER OUTPUT

18.89%
MAXIMUM EFFICIENCY

-0~+3%
POSITIVE POWER TOLERANCE

High-Power, High Quality
Mission Solar Energy is headquartered in San Antonio, TX with a module production facility on-site. We produce high-quality solar modules ensuring the highest power output and reliability to our customers. Our product line is well suited for residential, commercial, and utility applications. Every Mission Solar Energy solar module is certified and surpasses industry standard regulations, proving excellent performance over the long-term.

PRODUCT AND POWER WARRANTY

Mission Solar Energy Warranty

CERTIFICATIONS
IEC 61215/ IEC 61730/ IEC 61701/ UL 1703/ Salt mist

Please contact Mission Solar Energy if you have questions or concerns about certification of our products in your area.

1 Standard 12-year product warranty extendable to 25 years with registration
ELECTRICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Module Type</th>
<th>MSE365SQ9S</th>
<th>MSE370SQ9S</th>
<th>MSE375SQ9S</th>
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<tr>
<td>Power Output</td>
<td>Pmax</td>
<td>Wp</td>
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<tr>
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<td>370</td>
<td>375</td>
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<tr>
<td>Module Efficiency</td>
<td>%</td>
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<td>Tolerance</td>
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<td>0°+3%</td>
<td>0°+3%</td>
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<tr>
<td>Short-Circuit Current</td>
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<td>Open-Circuit Voltage</td>
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<td>Fuse Rating</td>
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TEMPERATURE COEFFICIENTS

- Normal Operating Cell Temperature (NOCT): 46.43°C (±2°C)
- Temperature Coefficient of Pmax: -0.375%/°C
- Temperature Coefficient of Voc: -0.280%/°C
- Temperature Coefficient of Isc: 0.045%/°C

OPERATING CONDITIONS

- Maximum System Voltage: 1,500Vdc
- Operating Temperature Range: -40°C (-40°F) to +85°C (185°F)
- Maximum Series Fuse Rating: 20A
- Fire Safety Classification: Type 1, Class C
- Front & Back Load (UL standard): 5631 Pa (117 psf) Tested to UL1703 standard
- Hail Safety Impact Velocity: 25mm at 23 m/s

MECHANICAL DATA

- Solar Cells: P-type mono-crystalline silicon (156.75mm)
- Cell Orientation: 72 cells (6x12), 5 busbar
- Module Dimension: 1987mm x 999mm x 40mm (78.23 in. x 39.33 in. x 1.58 in.)
- Weight: 21.6 kg (47.6 lb)
- Front Glass: 3.2mm (0.126 in.) tempered, low-iron, anti-reflective coating
- Frame: Anodized aluminum alloy
- Encapsulant: Ethylene vinyl acetate (EVA)
- J-Box: Protection class IP67 with 3 bypass-diodes
- Cables: PV wire, 1.2m (47.24 in.), 4mm² / 12 AWG
- Connector: MC4 Compatible

SHIPPING INFORMATION

- Container FT: 53’ Double stack 30, 40’ Double stack 24
- Pallets: 26, Weight: 1,325lbs, Height: 45.50”, Width: 45.50”, Length: 79.50”