QUALITY AND SAFETY

• 27 years of linear power output warranty **
• Rigorous quality control meeting the highest international standards
• 100% EL tested to ensure micro crack free modules
• Certified for PID free

• Certified for salt mist corrosion resistance – severity VI
• Certified for ammonia resistance
• Certified for sand and dust test

APPLICATIONS

• On-grid large scale utility systems
• On-grid rooftop residential and commercial systems
• Off-grid residential systems

10% HIGHER POWER OUTPUT compared to industry average poly crystalline module

Extremely LOW LIGHT-INDUCED DEGRADATION on account of special passivation process

Extremely NARROW POWER BINNING TOLERANCE of +2.5 Wp to reduce current mismatch loss in single string

Engineered to provide EXCELLENT LOW LIGHT and LONGER WAVELENGTH RESPONSE

EXTREMELY RELIABLE PRODUCT suiting harsh environment conditions withstanding 2400Pa Wind load, 5400Pa Snow load and Dynamic Wind load

Using highly efficient PASSIVATED EMITTER REAR CONTACT TECHNOLOGY (PERC) cells
THIS DATASHEET IS APPLICABLE FOR: SOMERA VSM.72.AAA.03.04 (AAA=340-370)

CAUTION: READ SAFETY AND INSTALLATION MANUAL BEFORE USING THE PRODUCT.

Specifications included in this datasheet are subject to change without notice. Electrical data without guarantee. Please confirm your exact requirement with the company representative while placing your order.

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Electrical Data\(^1,2\)

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**Performance Warranty**

**Product Warranty**

**Approvals and Certificates**

**Packaging Information**

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Performance Warranty**

**Product Warranty**

**Approvals and Certificates**

**Packaging Information**

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Electrical Parameters at NOCT\(^3\)

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Temperature Coefficients (Tc)

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Mechanical Data

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Warranty and Certifications

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Packaging Information

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\(^{1}\) STC: 1000 W/m\(^2\) irradiance, 25°C cell temperature, AM1.5g spectrum according to EN 60904-3. Average relative efficiency reduction of 5% at 200 W/m\(^2\) according to EN 60904-1. | \(^{2}\) Power measurement uncertainty is within +/- 3% | \(^{3}\) NOCT irradiance 800 W/m\(^2\), ambient temperature 20°C, wind speed 1 m/sec