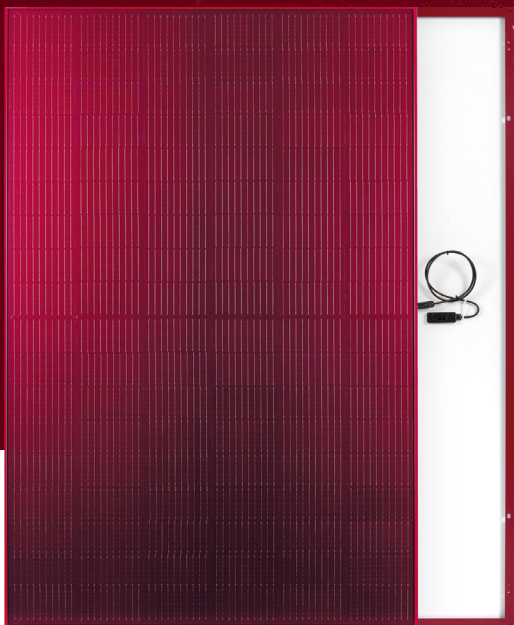


# Silk<sup>®</sup> Nova Red



## 370 W n-type

Maximum power

Technology inside

## KEY BENEFITS AND FEATURES



Power **370 Watt**



108 M10 **n-type** half-cut cells



**Red colored glass and frame** for special architectural requirements (similar to RAL 3005)\*



Coloured glass for a **consistent appearance over time**



Perfect for traditional **roofs with red tiles** and historical areas



1722 x 1134 x 30 mm

### Performance guarantee

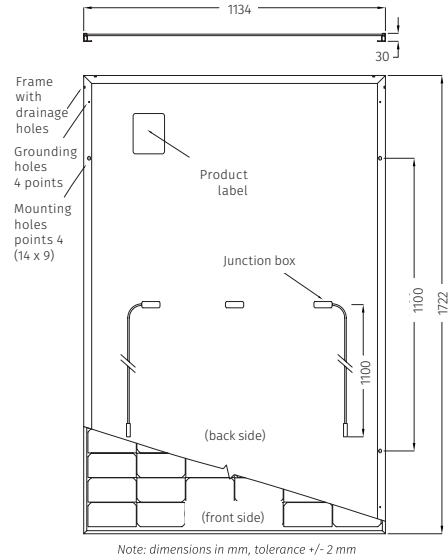
- **25-years** performance warranty with max power decrease from 2<sup>nd</sup> year **0.4%/year**
- **99%** at the end of first year
- **91.4%** at the end of 20<sup>th</sup> year
- **89.4%** at the end of 25<sup>th</sup> year

### Product guarantees

- **15-year** product warranty
- Third-party product **liability** insurance
- All FuturaSun's modules are designed and guaranteed by the **Italian** headquarters

Mechanical Specifications

|                              |   |
|------------------------------|---|
| Dimensions                   | 1722 x 1134 x 30 mm   |
| Weight                       | 20.8 kg   |
| Glass                        | Red, High transmission, Low iron, Tempered, ARC, Thickness 3.2 mm                                       |
| Cells                        | 108 monocrystalline half-cut n-type cells 182 x 91 mm   |
| Frame                        | Varnished anodized aluminium frame with mounting and drainage holes                                     |
| Junction boxes               | Certified according to IEC 62790, IP 68 approved, 3 bypass diodes                                       |
| Cables                       | Solar cable 4mm <sup>2</sup> , length 1100 mm or customized with connectors type Zhejiang Jiaming JM601 |
| Backsheet                    | Composite Multilayer film - white on the back   |
| Maximum reverse current (Ir) | 25 A  |
| Maximum system voltage       | 1000 V  |
| Mechanical load (snow)       | Design load: +1600 Pa, (+2400 Pa including safety factor 1.5)   |
| Mechanical load (wind)       | Design load: -1600 Pa, (-2400 Pa including safety factor 1.5)   |



Electrical data - STC\*

FU370M Silk Nova Red

|                              |   |       |
|------------------------------|---|-------|
| Sorting tolerance            | W | 0~+5  |
| Module power (Pmax)          | W | 370   |
| Open circuit voltage (Voc)   | V | 38.94 |
| Short circuit current (Isc)  | A | 11.97 |
| Maximum power voltage (Vmpp) | V | 31.57 |
| Maximum power current (Impp) | A | 11.72 |
| Module efficiency            | % | 18.97 |

Electrical data - NOCT\*\*

FU370M Silk Nova Red

|                              |   |       |
|------------------------------|---|-------|
| Module power (Pmax)          | W | 278   |
| Open circuit voltage (Voc)   | V | 36.67 |
| Short circuit current (Isc)  | A | 9.65  |
| Maximum power voltage (Vmpp) | V | 30.17 |
| Maximum power current (Impp) | A | 9.22  |

Temperature ratings

Certifications

|                              |      |                 |
|------------------------------|------|-----------------|
| Temperature coefficient Isc  | %/°C | 0.045           |
| Temperature coefficient Voc  | %/°C | -0.25           |
| Temperature coefficient Pmax | %/°C | -0.29           |
| NOCT**                       | °C   | 45              |
| Operating temperature        | °C   | from -40 to +85 |
| Module (T98) max             | °C   | 70              |

|         |  |
|---------|--|
| Factory | ISO 9001 - 14001 - 45001                 |
| Product | IEC 61215, IEC 61730, Fire ratig Class C |

Packaging

|                   |                      |
|-------------------|----------------------|
| Quantity / Pallet | 36 pcs               |
| Container 40' HC  | 936 pcs / 26 pallets |

The information included in this module datasheet is subject to change without notice and is provided for informational purposes only. No contractual rights are established or should be inferred because of user's reliance on the information contained in this module datasheet. Please refer to the appropriate module user guide and module product specification document for more detailed technical information regarding module performance, installation and use.

\*Standard Test Conditions STC: 1000 W/m<sup>2</sup> - AM 1.5 - 25 °C - tolerance: Pmax (±3%), Voc (±4%), Isc (±5%)  
\*\*Nominal Operating Cell Temperature NOCT: 800 W/m<sup>2</sup> - T=45 °C - AM 1.5  
Product Made in P.R.C.  
AUS\_01