

# SOLACTRIX®

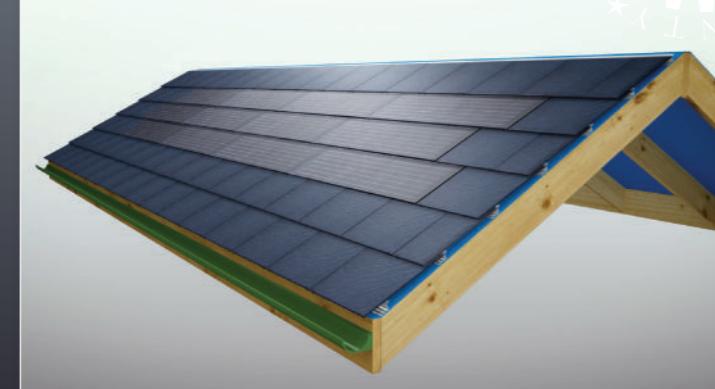
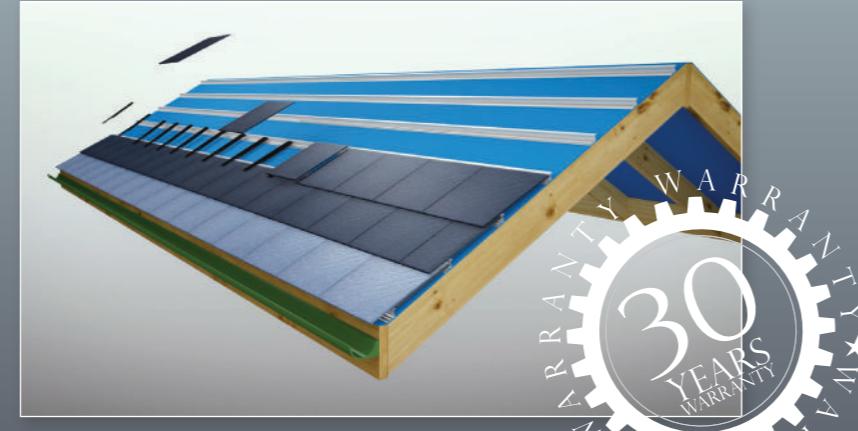
Active and inactive solar tiles to create a seamless roof

Made from Tempered Glass, and manufactured to a very high standard SolActrix® Solar panels are made to last and combined with a wide range of high quality inActive options you are sure to find the perfect design for any project.

Our unique fixing system comes with its very own 30 year Warranty giving you that extra peace of mind.

## SolActrix® & Nulok Roofing System

Nulok is a unique Roofing System that locks the Active SolActrix® Panels and Non-active Tiles in place using metal battens and water channels. This incredibly robust system incorporates Zincalume Battens spaced at 307mm. Locked in place between the battens are Nulok Link Channels, each possessing a stainless steel clip used for securing the leading edge of each slate. This Link Channel eliminates the need for side double-lapping of SolActrix® because water passing through the slate is routed by the Link Channel onto the surface of the SolActrix® below.



## Customised Solutions to Power your Home

SolActrix® Solar Roofing in your home's architecture redefines traditional Solar Roofing while turning sunlight into electricity. Active Solar tiles are combined with inactive solar tiles to create a seamless roof without compromising your roof line. Developed with high tempered glass and tested in extreme conditions this unique system is revolutionising the global roofing industry.

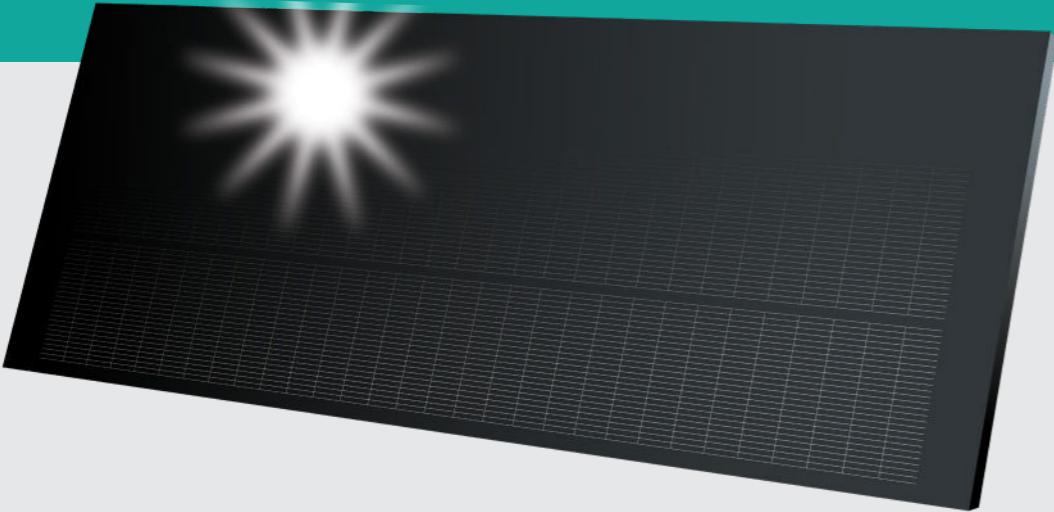
For Enquiries Call 033 0123 4440

Leading the solar roofing revolution

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Leading the solar roofing revolution

# Active SolActrix® Solar Panels



SolActrix® Solar Panels are our new energy efficient panels producing 12% more power than its predecessors. SolActrix® is being used in residential, commercial and off-grid systems around the world. The success of SolActrix® is built on proven product performance, reliability, state of the art technology and long term partnerships with key customers around the world.

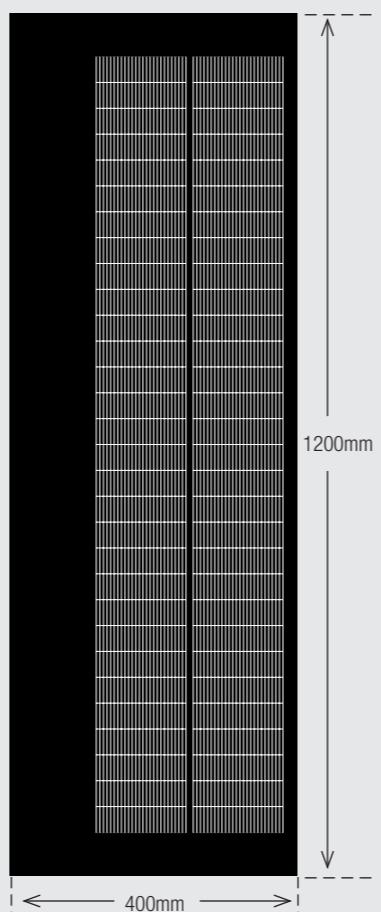
Solartrix - P 1200-400-60

## ELECTRICAL CHARACTERISTICS

Module Type	SolartrixE 1200-400-60	SolartrixE 1200-400-66
Maximum Power-Pmax (W)	60	66
Maximum Power Voltage-Vmp (V)	9.6	10.10
Maximum Power Current-Imp (A)	6.25	6.55
Open Circuit Voltage-Voc (V)	12.3	12.47
Short Circuit Current-Isc (A)	6.55	6.89
Solar cell efficiency (%)	22	22.8
Power Tolerance (W)	±5	
Maximum System Voltage (VDC)		1000
Maximum Series Fuse Rating (A)		10
Operating Temperature (°C)	-40~+85	
Pmax Temperature Coefficient (%/°C)	-0.43	
Voc Temperature Coefficient (%/°C)	-0.30	
Isc Temperature Coefficient (%/°C)	0.05	
STC: Irradiance 1000 W/m <sup>2</sup> module temp erature 25°C AM=1.5, Power measurement tolerance: +/-3%		

## MECHANICAL SPECIFICATIONS

External Dimension	1200*400*6 mm
Weight	6.6Kg
Solar Cell	Mono 91x182 mm (18pcs)
Glass to Glass	2.5 mm tempered glass, low iron
Junction Box	IP67
Output Cable	4.0 mm <sup>2</sup> ,cable length:350-900 mm
Connector	MC4 Compatible
Maximum Snow Load	5400 Pa or 550 Kg/mm <sup>2</sup>
Maximum Wind Load	2400 Pa or 244 Kg/mm <sup>2</sup>
Hail Resistance	Max. Ø 28 mm, at 23 m/s



COMING SOON

Made from Tempered Glass, SolActrix® Glass Tiles have approximately four times the mechanical and thermal strength of ordinary glass of equal thickness. SolActrix® tiles retain the normal properties of glass, including chemical resistance, hardness, expansion and deflection. This product will be launched soon.

## POWER WARRANTY

25 Years 80% Power Output Warranty
12 Years 90% Power Output Warranty
10 Years Material & Workmanship Warranty

SOLACTRIX®



IEC 61215  
IEC 61730  
Regular Production Surveillance  
www.tuv.com  
ID 111124718

Certificate No. PV 50470138 0001

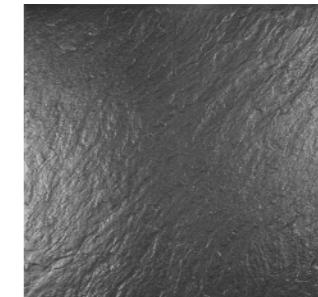
Nanjing Solglass Science & Technology Co Ltd  
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# inActive SolActrix®

## Nulok Options



SolActrix® Active Solar Panels can be used with the current exiting Solution from Nulok Roofing. You have a choice of Ceramic Tile, Welsh Slate, Grey Slate or Argentinian Slate.



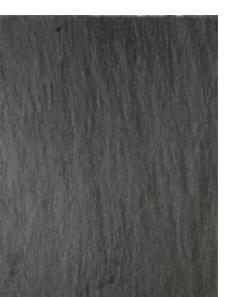
Ceramic Tile



Welsh Slate



Grey Slate



Black Slate



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