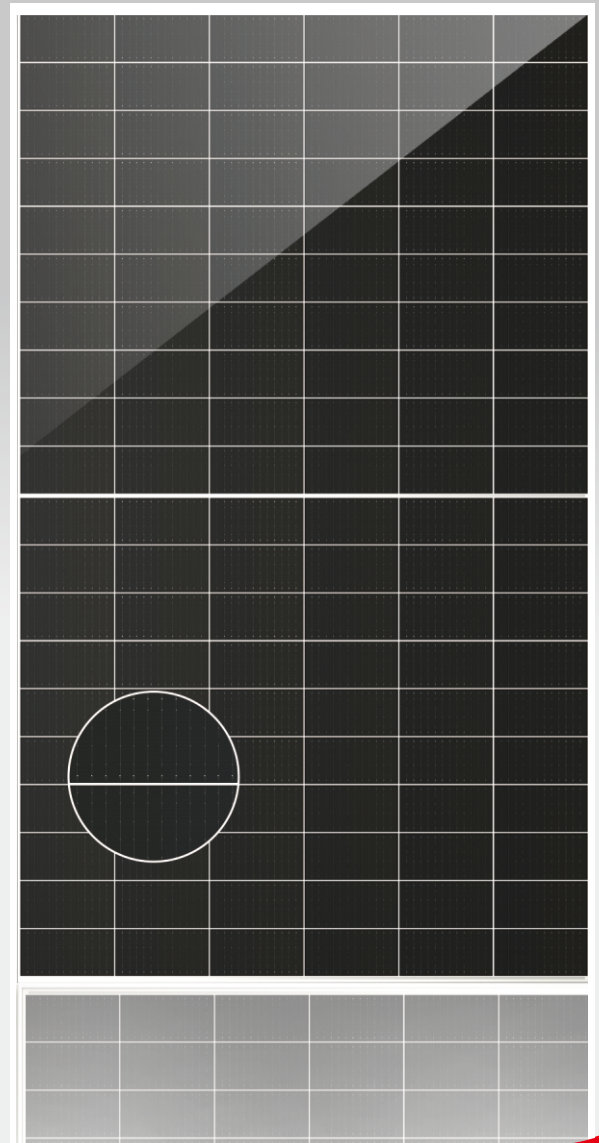


# Zur3Pro 525-550W

High efficiency monocrystalline module

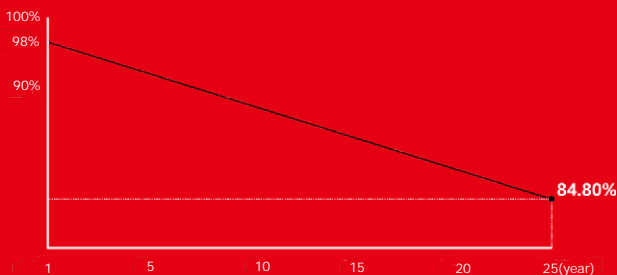
- Using 182 multi bus bar efficient monocrystalline silicon cells, the output power reaches 550W with a conversion efficiency reaching 21.28%!
- High power module designed for large scale solar power station project, striving for high efficiency
- The same surface area achieves a higher power generation efficiency when compared with standard modules
- Fully automatic production line with full quality inspection to ensure product assurance
- The Components are resisting wind loads of 2400pa and snow loads of 5400pa



**25** YEAR  
POWER  
OUTPUT WARRANTY

**15** YEAR  
EXCELLENT  
PRODUCTS MATERIAL  
AND PROCESS WARRANTY

## 25 YEAR EXCESS LINEAR POWER OUTPUT WARRANTY



The power attenuation shall not exceed 1% in the first year and 0.4% in the following years.

## COMPLETE QUALITY MANAGEMENT SYSTEM AND PRODUCT CERTIFICATION



IEC 61215, IEC 61730  
ISO 9001:Quality Management System  
ISO 14001:Environmental Management System  
ISO 45001:Occupational Health And Safety Management System

### SALES AND SERVICE CENTER

#### ROMANIA

+40 736667679/ +40 724085056  
 ro.sales@swisolar.com  
 Bucuresti, sector2, str. Delea Veche nr24,  
Corp A, etaj6, modul M1, Romania

#### GERMANY

+49 1724558439  
 de.sales@swisolar.com  
 Marcusalle 3, 28359 Bremen, Germany

#### SINGAPORE

+65 83888789  
 sg.sales@swisolar.com  
 170 Upper Bukit Timah Road#05-48 Bukit  
Timah Shopping Center, Singapore

## Zur3Pro 525-550W

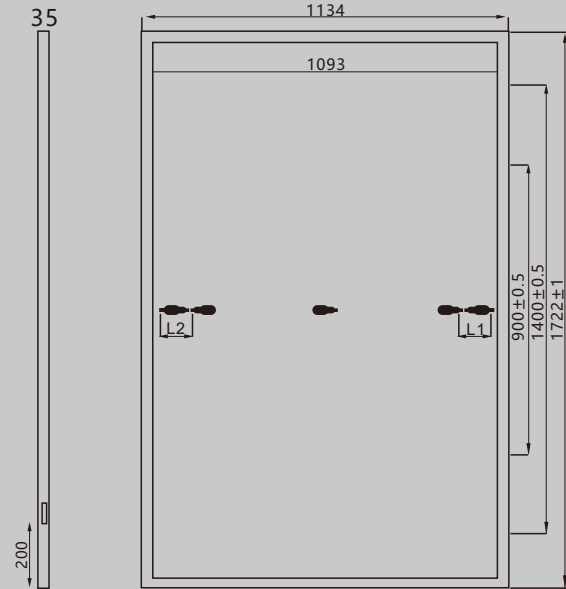
Maximum efficiency	Power tolerance	Highest component conversion efficiency	First year attenuation	Decay over the years
<b>550W</b>	<b>0~ + 5W</b>	<b>21.28%</b>	<b>≤2.0%</b>	<b>≤0.55%</b>

### MECHANICAL PROPERTIES

Battery type	Monocrystalline
Component weight	28kg
Component Size	2279x1134x35mm
Number of Cells	144(6x24)
Cable cross-sectional area	4mm <sup>2</sup>
Junction Box	IP68, 3 diodes
Connector	MC4 compatible connector
Packaging information	31 pieces per pallet

### WORKING PARAMETERS

Maximum system voltage	1500V (TUV)
Operating temperature	-40°C~+85°C
Maximum fuse current rating	25A
Maximum static load, front	5400pa
Maximum static load,back side	2400pa
nominal battery operating temperature	45+2°C
Application Level	classA



### TEMPERATURE CHARACTERISTICS

Power	-0.350%/°C
Open circuit voltage	-0.274%/°C
Short-circuit current	-0.044%/°C

### ELECTRICAL PERFORMANCE PARAMETERS UNDER STC

Model	Zur3Pro -525	Zur3Pro -530	Zur3Pro -535	Zur3Pro -540	Zur3Pro -545	Zur3Pro -550
Maximum power (W)	525	530	535	540	545	550
Voltage at maximum power point (VMPV)	41.24	41.53	41.82	42.12	42.41	42.71
Current at maximum power point (IMP/A)	12.73	12.76	12.79	12.82	12.85	12.88
Open circuit voltage (VOCN)	49.05	49.20	49.35	49.51	49.69	49.88
Short circuit current (ISC/A)	13.61	13.68	13.75	13.82	13.89	13.97
Component efficiency [%]	20.31%	20.51%	20.70%	20.89%	21.09%	21.28%
Power tolerance (W)	0~+5					
Standard test environment	Irradiance 1000W/m <sup>2</sup> ,cell temperature 25°Cspectrum AM1.5					

Note: Due to continuous innovation, esearch and product upgrading, the parameters in this specification are not just a component,but can only be used for comparison between different types.

### ELECTRICAL PERFORMANCE PARAMETERS UNDER NOCT

Model	Zur3Pro -525	Zur3Pro -530	Zur3Pro -535	Zur3Pro -540	Zur3Pro -545	Zur3Pro -550
Maximum power (W)	391	394	398	402	405	409
Voltage at maximum power point (Vmp)[V]	38.30	38.55	38.79	39.04	39.28	39.49
Current at maximum power point (Imp)[A]	10.20	10.23	10.26	10.29	10.32	10.36
Open circuit voltage (Voc)[V]	45.96	46.11	46.27	46.42	46.58	46.74
Short circuit current (Isc)[A]	11.01	11.08	11.14	11.20	11.27	11.34
Nominal cell operating temperature(NOCT)	Irradiance 800W/m <sup>3</sup> , ambient temperature 20 C, spectrum AM1.5G, wind speed 1m/s					