



SOLTARO

POWERING THE FUTURE WITH SOLAR



1300 881 440

Soltaro STR660P – 60 Cell Series



Class Leading Features

- Highest power output 275W
- PID Free* – Certified by TUV Rheinland
- 10 years materials & workmanship warranty
- 25 years linear power output warranty with Powerguard
- Positive power tolerance: 0 – +3%
- Robust design: Certified to withstand up to 2400 Pa wind load and up to 5400 Pa snow load
- Five busbar cell: Improves the efficiency of modules



Quality Warranty

Soltaro guarantees that defects will not appear in materials and workmanship defined by IEC61215, IEC61730 and ULI703 under normal installation, use and maintenance as specified in Soltaro's installation manual for 10 years from the warranty starting date.

Performance Warranty

Polycrystalline Solar Cell Modules

- During the first year, Soltaro guarantees the nominal power output of the product will be no less than 97.5% of the labelled power output.
- From year 2 to year 24, the nominal power decline will be no more than 0.7% in each year; by the end of year 25, the nominal power output will be no less than 80.7% of the labelled power output.

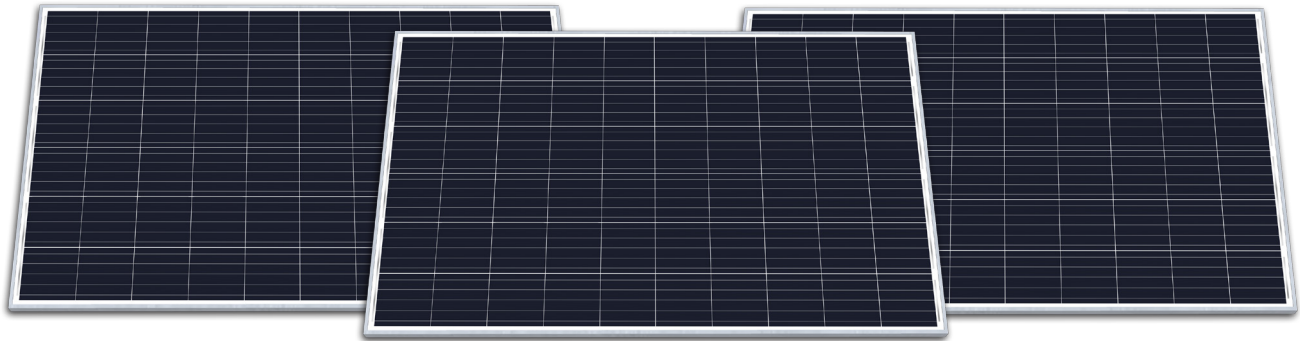
*Certificates available on request

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Manufactured in China



Datasheet



Electrical Parameters

Model	STR660P			
Maximum Power (Pmax/W)	260	265	270	275
Operational Voltage (Vmpp/V)	30.6	31.0	31.3	31.7
Operating Current (Impp/A)	8.50	8.56	8.63	8.69
Open-Circuit Voltage (Voc/V)	37.9	38.2	38.5	38.7
Short-Circuit Current (Isc/A)	8.97	9.04	9.09	9.17
Module Efficiency η (%)	16.0	16.3	16.6	16.9
Power Tolerance	0 -+3%			
Temperature Coefficient	Pmax	-0.40%/°C		
	Voc	-0.31%/°C		
	Isc	+0.06%/°C		
Noct	45±2°C			

*STC: 1000w/m², 25°C, AM 1.5

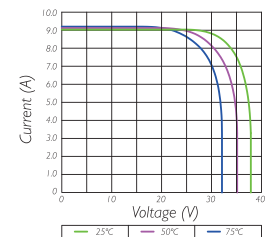
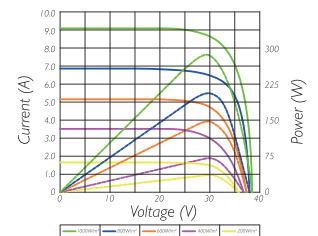
Other Parameters

Cell Type	Polycrystalline
Cell Dimensions	156 x 156mm (6inch)
Cell Arrangement	60 (6 x 10)
Weight	18.5kg (40.8lbs)
Module Dimensions	1640 x 990 x 35mm (64.6 x 39.0 x 1.4inch)
Cable Length	900mm (35.4inch)
Cable Cross Section Size	4mm ² (0.006sq.in)
Front Glass	3.2mm High Transmission, Tempered Glass
No. of Bypass Diodes	6
Packing Configuration (1)	30pcs/Pallet, 840pcs/40hq
Packing Configuration (2)	30pcs+5pcs/Pallet, 910pcs/40hq
Frame	Anodised Extruded Aluminium Alloy
Junction Box	IP67

Operating Conditions

Maximum System Voltage	1000V/DC(IEC)
Operating Temp.	-40°C ~ +85°C
Maximum Series Fuse	15A
Static Loading	5400Pa
Conductivity at Ground	≤0.1Ω
Safety Class	II
Connector	Multi Contact Connector 4 or JSWRF-309d MC4
Resistance	≥100MΩ

I-V Curve TP660P Pm(W)260



Technical Drawings

