

Polycrystalline solution

by Senersun

225/245 Watts

SSP60C Series

Better performances, better quality, Senersun solar panels are specifically designed to maximize the end user's profits.



Designed for a faster and more sustainable return on investment

15.1%
module
efficiency

Up to 15.1% module efficiency: our modules feature high performances to maximize your profits



Unique level of quality: high efficiency guaranteed throughout the lifetime

100%
third-party
tested

STS-Certified: Every panel re-tested and validated one by one by an independent laboratory



Resist to extreme conditions: can withstand high wind pressure, snow load and extreme temperatures

25
year
warranty

10-year product warranty
25-year power output warranty
(10 years: 90%; 25 years: 80%)



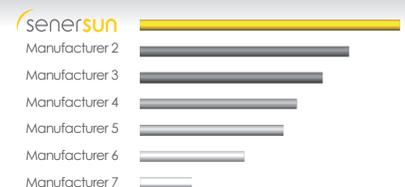
We mean quality

At Senersun, when we speak about quality, we mean it. After having been manufactured in our vertically integrated factory, every Senersun module is submitted to a 100% testing and certification program performed by an independent laboratory. A certificate of compliance with this series of tests is available with every Senersun shipment.

We mean eco-responsibility

Being a company involved in the renewable energies, Senersun strives to increase its environmental performances. Upstream, Senersun panels are produced in an eco-friendly factory, where stringent assessments are regularly performed to make sure that we comply with the strictest standards. Downstream, Senersun end-of-life panels will be recycled under the CERES program.

1st in STS' Overall Quality Yield Rate



Source: STS-Certified - June / September 2011

 **senersun**

Specifications

Electrical characteristics

Model Type	SSP60-225-C	SSP60-230-C	SSP60-235-C	SSP60-240-C*	SSP60-245-C*
Maximum Power (Pmax)	225Wp	230Wp	235Wp	240Wp	245Wp
Power Density (Wp/m ²)	138.3	141.4	144.4	147.5	151
Maximum Power Voltage (Vmp)	30.02V	30.12V	30.22V	30.33V	30.58V
Maximum Power Current (Imp)	7.49A	7.64A	7.78A	7.91A	8.01A
Open-Circuit Voltage (Voc)	36.84V	36.96V	37.08V	37.3V	38.64V
Short-Circuit Current (Isc)	8.15A	8.3A	8.45A	8.54A	8.69A
Cell Efficiency	15.8%	16.2%	16.6%	17%	17.4%
Module Efficiency	13.8%	14.1%	14.4%	14.8%	15.1%
No. of Diodes	6				
Maximum System Voltage	1000VDC / 600VDC (UL)				
Maximum Series Fuse Rating	15A				
Power Tolerance	±3%				
Temperature Coefficients of Pmax	-0.45%/°C				
Temperature Coefficients of Voc	-0.34%/°C				
Temperature Coefficients of Isc	+0.09%/°C				
Nominal Operating Cell Temperature (NOCT)	48±2°C				

Measured at STC Conditions: Irradiance: 1,000W/m² - AM: 1.5 Spectrum - Temperature: 25°C
Electrical parameters may vary by ± 5%

* UL certification not available

Mechanical characteristics

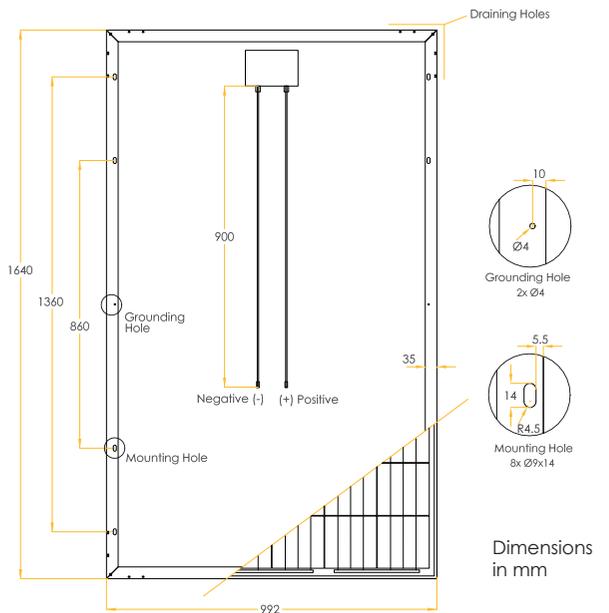
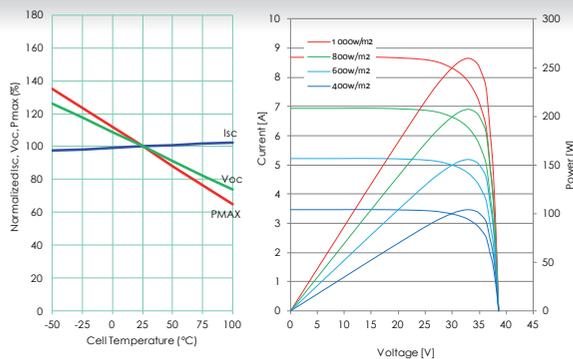
Cell Type	Poly-crystalline 156×156mm (6 inch)
No. of Cells	60 (6×10)
Dimensions	1640×992×50mm
Weight	21kg (46.2lbs)
Front Glass	3.2mm High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP65 Rated
Output Cables	TÜV 4.0mm ² Single Core Length 900mm
Connectors	MC4 Compatible
Back Sheet	TPT

Packaging configuration

Pallet Load	20 pcs / pallet
Container Load	520 pcs / 40' HQ, 204 pcs / 20'



IV and Temperature curves



SS-SPE-11E004: 3.0

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CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS
BEFORE USING THIS PRODUCT.

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