

# Introducing the most reliable All Black PV module



## SSM60C All Black Series - 245/250 watts

**100%**  
independently  
re-tested

Unique quality: 100% re-test on EVERY module by a third-party testing company (STS Certified)

**15.4%**  
module  
efficiency

Up to 15.4% module efficiency and lower operating cell temperature: higher performance to maximize your electricity production for each m<sup>2</sup>

**-0/+3%**  
positive  
tolerance

Guaranteed power output: positive tolerance on each panel (-0/+3%)

**25**  
year  
warranty

10-year product warranty  
Linear 25-year power output warranty

### N°1 in quality

Launched in 2012, the STS Testing Campaign consists in testing randomly-selected solar panels on a mass-production scale, in order to provide a benchmarking of PV makers' real quality.

The results speak for themselves; Senersun outranks the competition.

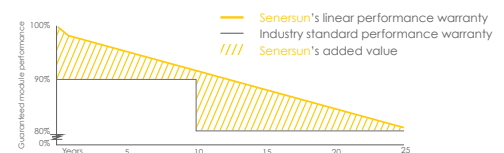
### Safely packed

Because packaging is an essential part of the value chain, Senersun has specifically designed its packaging to ensure the protection of your panels until their destination.

Just another solution we brought up to guarantee our panels' limitless quality.

### Linear power warranty

Senersun panels will produce up to 103% of their rated power output at delivery. During the first year, Senersun guarantees that the actual power cannot differ by more than 3% from the specified power. From the second year onwards, the power will not decrease by more than 0.7% of the rated power per year.



Visit [www.senersun.com](http://www.senersun.com) for more information.

 **senersun**

# Specifications

## Electrical characteristics

Model	SSM60C-245 BL	SSM60C-250 BL
Maximum Power (Pmax)	245Wp	250Wp
Power Density (Wp/m <sup>2</sup> )	150.6	153.7
Maximum Power Voltage (Vmp)	30.42V	30.52V
Maximum Power Current (Imp)	8.05A	8.19A
Open-Circuit Voltage (Voc)	37.3V	37.54V
Short-Circuit Current (Isc)	8.69A	8.84A
Cell Efficiency	17.9%	18.3%
Module Efficiency	15.1%	15.4%
No. of Diodes	6	
Maximum System Voltage	1000V	
Maximum Series Fuse Rating	15A	
Power Tolerance	-0/+3%	
Temperature Coefficients of Pmax	-0.43%/°C	
Temperature Coefficients of Voc	-0.3%/°C	
Temperature Coefficients of Isc	+0.04%/°C	
Nominal Operating Cell Temperature (NOCT)	45±2°C	

Measured at STC Conditions: Irradiance: 1,000W/m<sup>2</sup> - AM 1.5 Spectrum - Temperature: 25°C  
Electrical parameters may vary by ± 5%

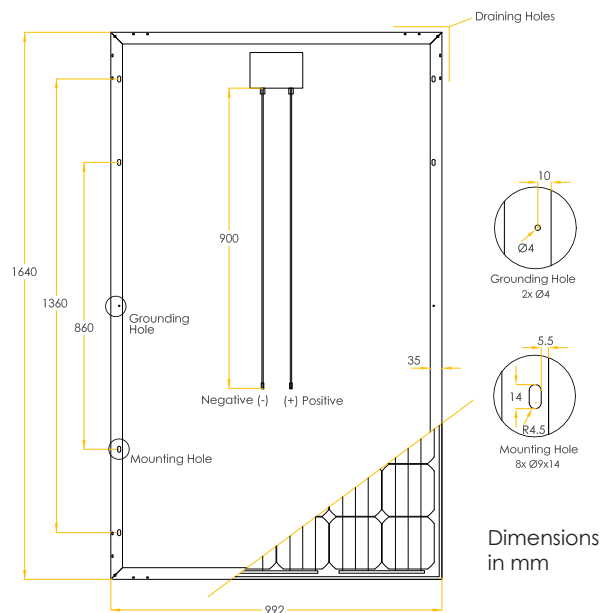
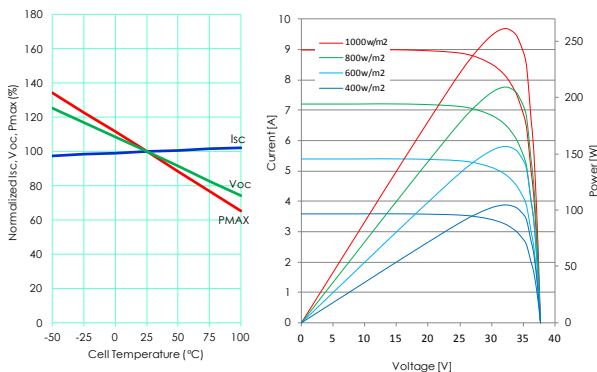
## Mechanical characteristics

Cell Type	Mono-crystalline 156×156mm (6 inch)
No. of Cells	60 (6×10)
Dimensions	1640×992×50mm
Weight	21 kg (46.2 lbs)
Front Glass	3.2mm High Transmission, Low Iron, Tempered Glass
Frame	Black Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TÜV   4.0mm <sup>2</sup> 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'

## Temperature coefficients curves



SS-SPE-12E002B:4.1

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

Visit [www.senersun.com](http://www.senersun.com) for more information.