

# SC-SERIES MODULE

MANUFACTURED BY PANASONIC

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## SC330, SC325 AND SC320 MODULE

Zep Compatible 96-Cell PV Module

For use in residential and commercial PV installations

### MORE POWER PER MODULE

Our 325W module generates 22% more power than a standard 270 W module.

### MORE ENERGY EVERY YEAR

More yearly energy (kWh) compared to other modules as they perform better in the heat.

### MORE ENERGY EVERY YEAR

Panasonic SC Series Modules use Heterojunction cell technology, which adds a layer of thin film silicon on top of high efficiency crystalline silicon.

### OUTSTANDING DURABILITY

With more than 20 additional tests performed beyond what is currently mandated, these modules far exceed industry standards.

### LEADING WARRANTY

Our modules rank among the best in warranty coverage, with workmanship that extends to 10 years.

### MORE POWER, FEWER MODULES

With a sunlight to electricity conversion efficiency of over 19.7%, the module ranks amongst the highest in the industry. That means our modules can harvest more energy from the sun, which means it takes fewer of our modules to power your home. Plus, they generate more power output during the hottest times of the day, even in warmer climates.

IEC 61215  
IEC 61730-1  
IEC 61730-2  
UL 1703



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### LIMITED WARRANTY

Power Output

10 years (90% of  $P_{MIN}$ )

25 years (80% of  $P_{MIN}$ )

Workmanship

10 years

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### MATERIALS

Cell Material

5 inch photovoltaic cells

Glass Material

AR coated tempered glass

Frame Materials

Black anodized aluminum

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### CAUTION

Please read the installation manual carefully before using the product.

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# MODULE SPECIFICATIONS

## ELECTRICAL CHARACTERISTICS

Model	SC330	SC325	SC320
Max Power (W)	330	325	320
Max Power Voltage, $V_{MP}$ (V)	58.0	57.6	57.3
Max Power Current, $I_{MP}$ (A)	5.70	5.65	5.59
Open Circuit Voltage, $V_{OC}$ (V)	69.7	69.6	69.4
Short Circuit Current, $I_{SC}$ (A)	6.07	6.03	5.98
System Voltage (V)	600	600	600
Max Series Fuse Rating (A)	15	15	15
Solar Module Efficiency (%)	19.7	19.4	19.1
Power Tolerance (%)	+5 / -0	+5 / -0	+5 / -0

## TEMPERATURE CORRECTION

NOCT (°C)	44.0
$P_{MAX}$ (%/°C)	-0.29
$V_{OC}$ (%/°C)	-0.25
$I_{SC}$ (%/°C)	0.03

Electrical characteristics are within  $-/+10\%$  of the indicated values of  $I_{SC}$  and  $V_{OC}$ , and  $+5/-0\%$  for  $P_{MAX}$ , under standard test conditions (irradiance of 100 mW/cm<sup>2</sup>, AM 1.5 spectrum, and a cell temperature of 25 degrees Celsius or 77 degrees Fahrenheit).

## AT NOCT (NORMAL OPERATING CONDITIONS)

Model	SC330	SC325	SC320
Max Power (W)	250.1	246.0	242.0
Max Power Voltage, $V_{MP}$ (V)	54.5	54.2	53.8
Max Power Current, $I_{MP}$ (A)	4.59	4.54	4.49
Open Circuit Voltage, $V_{OC}$ (V)	66.1	66.0	65.8
Short Circuit Current, $I_{SC}$ (A)	4.88	4.85	4.81

## AT LOW IRRADIANCE (20%)

Model	SC330	SC325	SC320
Max Power (W)	63.4	62.0	60.9
Max Power Voltage, $V_{MP}$ (V)	56.5	55.7	55.2
Max Power Current, $I_{MP}$ (A)	1.12	1.11	1.10
Open Circuit Voltage, $V_{OC}$ (V)	65.5	65.1	64.7
Short Circuit Current, $I_{SC}$ (A)	1.21	1.21	1.20

## MECHANICAL DATA

Weight	19.5kg (42.99 lbs)
Dimensions	1590 mm (62.60") / 1053 mm (41.46") / 40 mm (1.57")
Connector	MC4
Frame Color	Black
Wind and Snow Load	2400 Pa (50 lbs/ft <sup>2</sup> )
Fire Type	UL 1703 Type 2

