

# ZORRO

## SV60 255~270Wp



ISO 9001 - ISO 14001 - ISO 18001



PREMIUM  
QUALITY  
MODULE



Fully automated production line

## Full Black Monocrystalline Silicon Module

Solvis has been present on the global market since 2009 with a dedication to producing environmentally friendly and affordable sources of energy and taking greater responsibility for the well-being of the planet. Their products are the result of their own research and development. With sustained investment in human resources, equipment, research and development Solvis has established its competitiveness within the global market. The product has also been independently flash tested to ensure excellent product output.

### Features

- Premium quality
- 100% EL testing
- Mechanical load up to 5400 Pa
- Low weight
- Made in Europe
- Power tolerance -0/+4,9 W
- IEC EN 61215, IEC EN 61730 - 1 and IEC EN 61730 - 2 certified

### Warranty

- 10 years manufacturing defects
- 12 years limited, 90% output power
- 25 years limited, 80% output power

**ELECTRICAL DATA**

	SV60 255 All black	SV60 260 All black	SV60 265 All black	SV60 270All black
STC (standard test conditions)*	SV60 255 All black	SV60 260 All black	SV60 265 All black	SV60 270All black
Rated Maximum Power (Pmax)	255 W	260 W	265 W	270 W
Open Circuit Voltage (Voc)	37.9 V	38.4 V	38.5 V	39.0 V
Maximum Power Voltage (Vmp)	30.8 V	31.1 V	31.3 V	31.6 V
Short Circuit Current (Isc)	8.77 A	8.83 A	8.85 A	8.91 A
Maximum Power Current (Imp)	8.34 A	8.44 A	8.48 A	8.57 A
Module efficiency	15.58%	15.88%	16.19%	16.50%
Power Tolerance	-0~+4.9 W	-0~+4.9 W	-0~+4.9 W	-0~+4.9 W
Current and voltage tolerance	± 3%	± 3%	± 3%	± 3%
Maximum System Voltage	DC 1000 V	DC 1000 V	DC 1000 V	DC 1000 V
Operating Temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C
Maximum Series Fuse	13 A	13 A	13 A	13 A
Limiting reverse current	13 A	13 A	13 A	13 A
Maximum surface load capacity	5400 Pa (snowload)	5400 Pa	5400 Pa	5400 Pa
Resistance against hail	Maximum diameter of 25 mm with impact speed 23 m/s			

\*Under Standard Test Conditions (STC) of irradiance of 1000 W/m<sup>2</sup>, spectrum AM 1.5 and cell temperature of 25°C

**NOCT\***

	SV60 255 All black	SV60 260 All black	SV60 265 All black	SV60 270All black
Maximum Power at STC (Pmax)	186.2 W	190.4 W	192.5 W	196.3 W
Open Circuit Voltage (Voc)	35.0 V	35.4V	35.5 V	36.0 V
Maximum Power Voltage (Vmp)	28.2 V	28.5 V	28.6 V	28.9 V
Short Circuit Current (Isc)	7.05 A	7.09 A	7.11 A	7.16 A
Maximum Power Current (Imp)	6.60 A	6.68 A	6.71 A	6.78 A

\*Under Normal Operating Cell Temp., Irradiance of 800 W/m<sup>2</sup>, spectrum AM 1.5, ambient temperature 20°C wind speed 1 m/s

**MECHANICAL DATA**

Cell type	Mono-crystalline 156 x 156 mm
No. of Cells and Connections	60 (6 x 10)
Weight	18.7 kg
Dimensions (l x w x h)	1650 x 992 x 40 mm
Cells encapsulation	Ethylene vinyl acetate (EVA)
Front	Tempered solar glass, 3.2 mm
Back	Composite polyester Film
Frame	Anodized aluminium frame with twin-wall profile and drainage holes
Cable	4 mm <sup>2</sup> , 1000 mm
Junction Box	IP67, 3 bypass diodes
Connector	MC4 Compatible

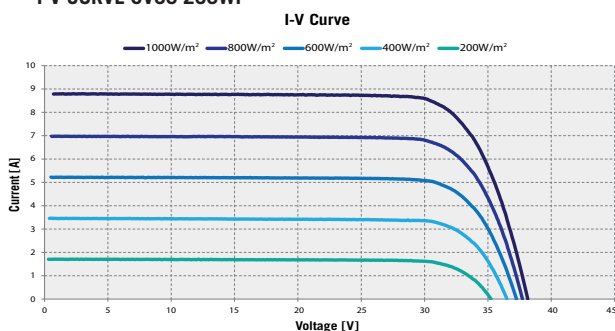
**TEMPERATURE CHARACTERISTICS**

Temperature Coefficient	Pmax	-0.42%/°C
	Voc	-0.33%/°C
	Isc	+0.05%/°C

**COMPREHENSIVE CERTICATES**

IEC EN 61215  
IEC EN 61730 - 1  
IEC EN 61730 - 2

**I-V CURVE SV60 260WP**



**ENGINEERING DRAWINGS**

