



# SARONIC

Saronic (EU) Power Tech GmbH  
ADD: Neuer wall 10, 20354 Hamburg Germany

## P72PCS-270W 265W 260W 255W Product Specification



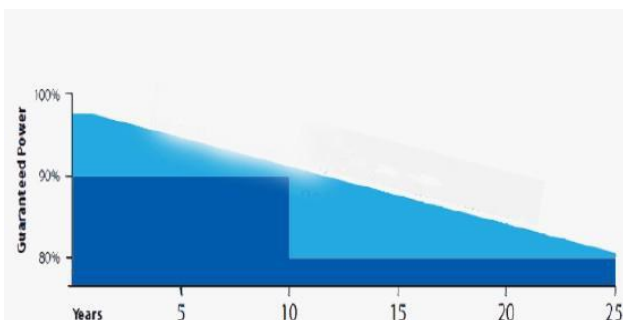
- Industry leading module power output warranty
- International quality, safety and performance certifications
- High-reliability with guaranteed 0/+5 Wp peak power
- Manufacturing facility certified to ISO9001 Quality Management System standards
- Beautiful appearance, good durability & easy installation
- Special design in accordance with requirements of customers

### CERTIFICATES

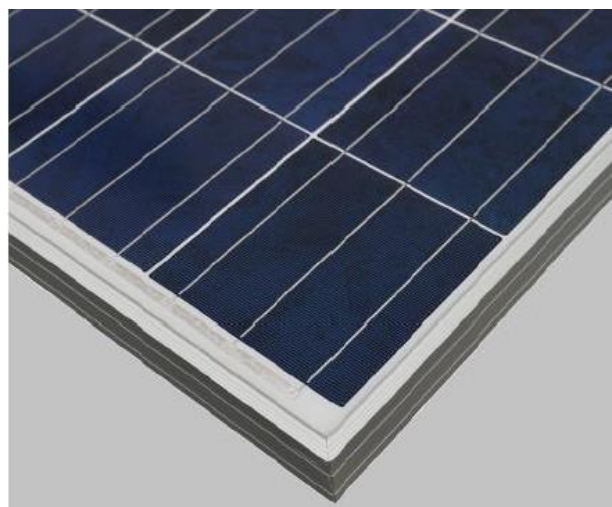


### WARRANTIES

- 10 years for product defects in materials & workmanship
- 10 years for 90% of warranted minimum power output
- 25 years for 80% of warranted minimum power output



25 years linear warranty

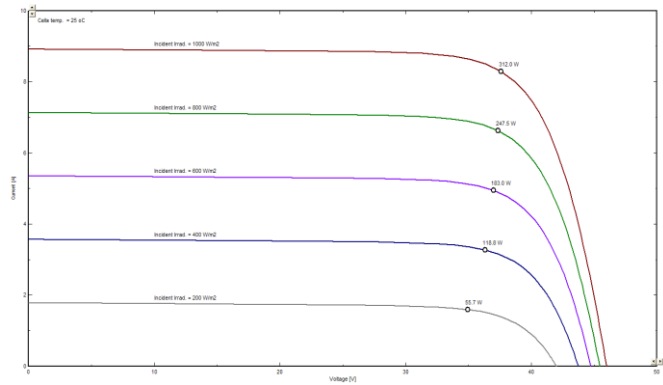


## Electrical parameters at Standard Test Conditions

(STC:AM=1.5, 1000W/m<sup>2</sup>, cells Temperature 25°C)

## I-V CURVE

Typical Type	270W	265W	260W	255W
Max-Power (Pmax) w	270W	265W	260W	255W
Max-Power Voltage (Vmp)	35.43	35.2	34.99	34.68
Max-Power Current (Imp)	7.63	7.53	7.44	7.36
Open-Circuit Voltage(Voc)	43.93	43.68	43.59	43.5
Short-Circuit Current (Isc)	8.63	8.58	8.41	8.32
Max-System Voltage	DC1000V			
Cell efficiency (%)	15.87	15.58	15.28	15



## MECHANICAL DATA

Dimensions	1956*992*50mm
Weight	23kgs
Front Glass	3.2 mm tempered glass
	TUV (2Pfg1169:2007)
Output Cables:	900mm <sup>2</sup> (0.006 inches <sup>2</sup> ), symmetrical lengths 1000 mm
Connectors:	MC4 compatible IP67
cell type:	Poly Crystalline silicon, 156mmx156mm
Number of cells:	72 cells in series

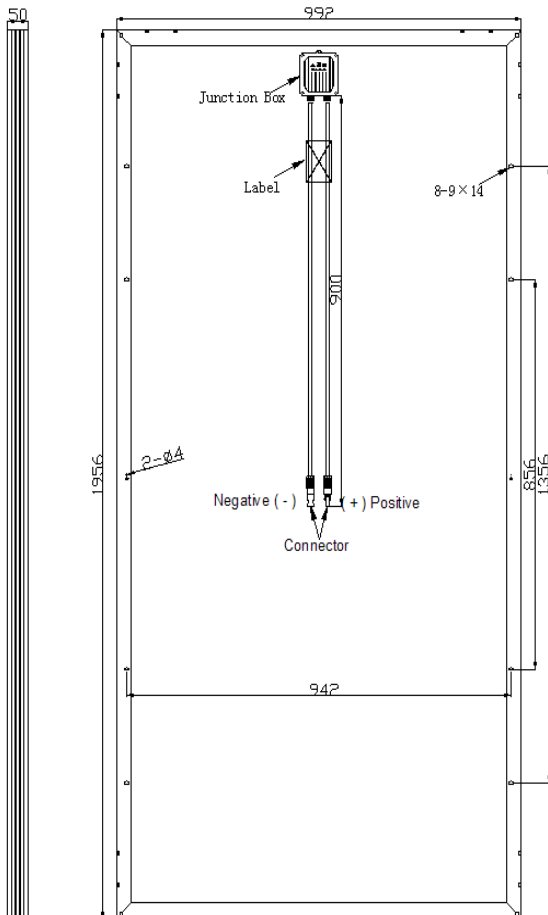
## TEMPERATURE CHARACTERISTICS

Temp.Coeff.of Isc(TK Isc)	0.045% / °C
Temp.Coeff.of Voc(TK Voc)	(-0.34%) / °C
Temp.Coeff of Pmax(TK Pmax)	(-0.47%) / °C
Operating Temperature	(-40~+85)°C
Nominal Operating Cell Temperature	45 +2 °C

## PACKING CONFIGURATION

Container	20'GP	40'GP	40'HQ
Pieces per Pallet	38	38	46
Pallets per Container	5	11	11
Pieces per Container	190	418	506

## DIMENSIONS AND STRUCTURE



## TESTS, CERTIFICATIONS AND WARRANTIES

Standard tests	IEC 61215, IEC 61730
System certs	ISO 9001, ISO 14001
Certifications	TUV, CE, MCS, PV CYCLE, CEC , CHUBB
Extreme wind and snow loads testing	withstand extreme wind (3800 Pascal) and snow loads (5400 Pascal)
Positive tolerance	0~+3w
Junction Box	IP67 Rated
Warranties	10-year material and workmanship and 25-year output at least 80%.