



# SARONIC

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

## M72PCS-205W, 200W, 195W, 190W Product Specification



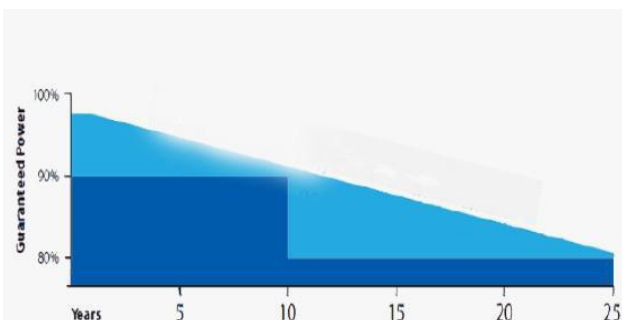
- Industry leading module power output warranty
- International quality, safety and performance certifications
- High-reliability with guaranteed 0/+5 Wp peak power
- Manufacturing facility certified to ISO9001 Quality Management System standards
- Beautiful appearance, good durability & easy installation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

### CERTIFICATES

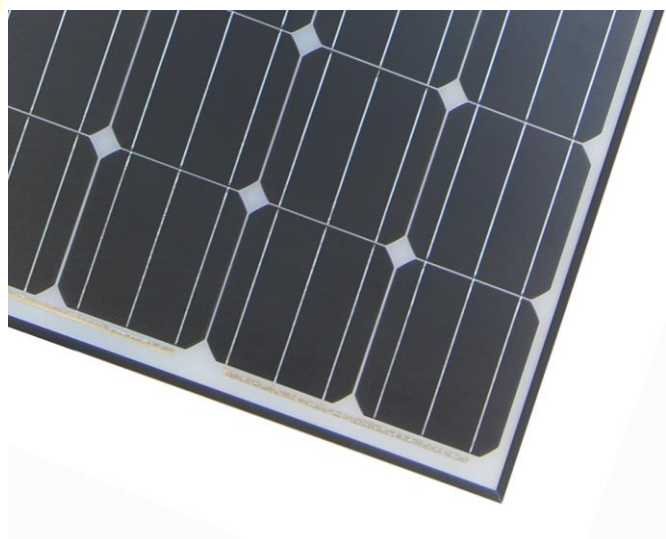


### WARRANTIES

- 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



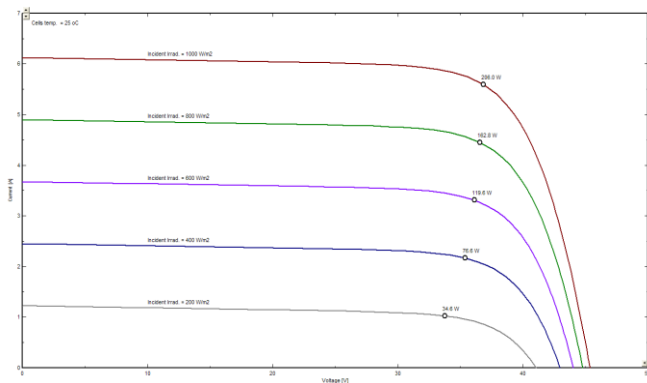
25 years linear warranty



**Electrical parameters at Standard Test Conditions**  
(STC:AM=1.5, 1000W/m<sup>2</sup>, cells Temperature 25 °C)

**I-V CURVE**

Typical Type	205W	200W	195W	190W
Max-Power (Pmax) w	205W	200W	195W	190W
Max-Power Voltage (Vmp)	37.8	37.77	37.62	37.44
Max-Power Current (Imp)	5.42	5.29	5.18	5.08
Open-Circuit Voltage(Voc)	45.36	45.25	45.07	44.86
Short-Circuit Current (Isc)	6.12	5.92	5.8	5.68
Max-System Voltage	DC1000V			
Cell efficiency (%)	18.75	18.3	17.8	17.3



**MECHANICAL DATA**

Dimensions	1580*808*35mm
Weight	15kgs
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:	Mono Crystalline silicon, 125MM*125MM
Number of cells:	72 cells in series

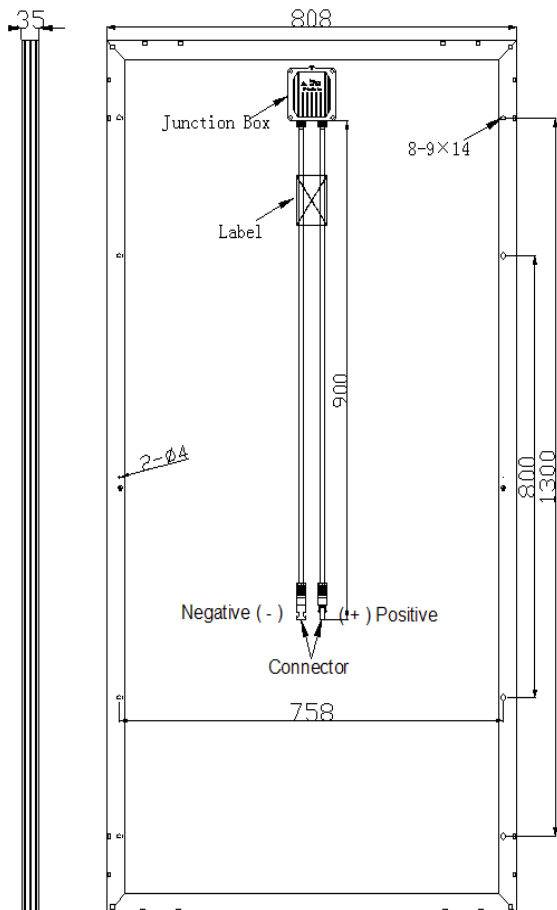
**TEMPERATURE CHARACTERISTICS**

Temp.Coeff.of Isc(TK Isc)	0.037% / °C
Temp.Coeff.of Voc(TK Voc)	(-0.34%) / °C
Temp.Coeff of Pmax(TK Pmax)	(-0.48%) / °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	66-52	66	74
Pallets per Container	6+1	14	14
Pieces per Container	448	924	1036

**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%.