



# HISUNAGE



## HSGxxx-60P

240W 245W 250W 255W 260W

PRODUCT SPECIFICATION

- Industry leading module power output warranty
- International quality, safety and performance
- High-reliability with guaranteed 0/+5 Wp peak power
- Manufacturing facility certified to ISO9001 Quality Management System standards
- Aesthetic appearance, good durability and easy installation
- Salt mist certified



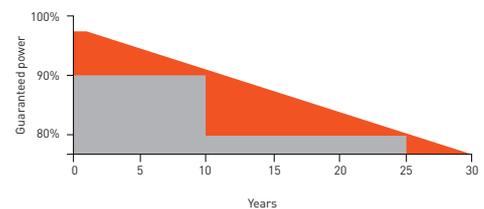
### Warranties

**10 years** for product defects in materials and workmanship

**10 years** for 90% of warranted minimum power output

**25 years** for 80% of warranted minimum power output

**30 years** linear warranty



QUALITY DESIGN | GREAT DURABILITY | EASY INSTALLATION



## HSGxxx-60P 240W 245W 250W 255W 260W Product specification

### Electrical parameters at standard test conditions (STC:AM=1.5, 1000W/m<sup>2</sup>, cells temperature 25°C)

Typical type	240W	245W	250W	255W	260W
Max power (Pmax) w	240W	245W	250W	255W	260W
Max power voltage (Vmp)	30.18	30.25	30.39	30.41	30.43
Max power current (Imp)	7.96	8.1	8.23	8.28	8.54
Open circuit voltage(Voc)	36.72	36.8	36.97	37.1	37.12
Short circuit current (Isc)	8.99	9.15	9.29	9.33	9.65
Max system voltage	DC1000V(TUV)				
Cell efficiency(%)	17	17.2	17.6	18	18.34
Module efficiency (%)	14.5	15.1	15.4	15.7	16

### Mechanical Data

Dimensions	1640 x 992 x 40mm
Weight	18kgs
Front glass	3.2mm tempered glass
	TUV [2Pfg1169:2007], UL 4703, UL44 4.0
Output cables:	4mm <sup>2</sup> symmetrical lengths 900 mm
Connectors:	MC4 compatible IP67
Temperature:	[-40°C to +85°C]

### Temperature Characteristics

Pmax temperature coefficient	[-0.40%] / °C
Voc temperature coefficient	[-0.32%] / °C
Isc temperature coefficient	[+0.08%] / °C
Operating temperature	[-40~+85] °C
Nominal operating cell temperature	(NOCT) 45 ± 2 °C

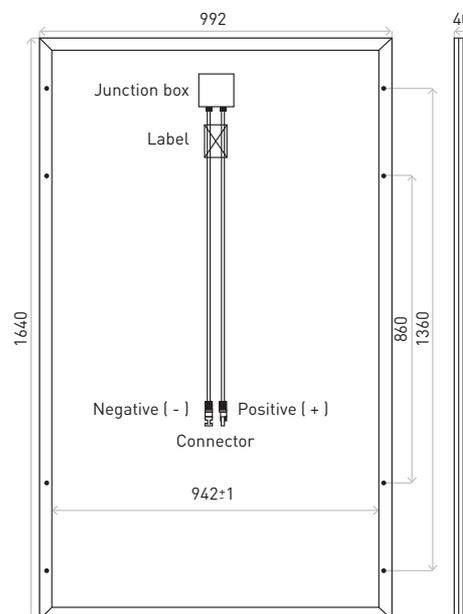
### Packing Configuration

Container	20'GP	40'GP	40'HQ
Pieces per pallet	46	46	56
Pallets per container	6	14	14
Pieces per container	276	644	784

### Tests, Certifications and Warranties

Standard tests	IEC 61215, IEC 61730
System certs	ISO 9001, ISO 14001
Certifications	TUV, MCS
Extreme wind and snow loads testing withstand extreme wind (3800 Pascal) and snow loads (5400 Pascal)	
Positive tolerance	0~+5w
Junction box	≥IP65 Rated
Warranties	10-year material and workmanship and 25-year output at least 80%.

### Dimensions and Structure



### I-V Curve

