



HISUNAGE

SOLARITY  
Your solar partner

AUTHORISED RESELLER

# M60PCS

270W/275W/280W

## 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



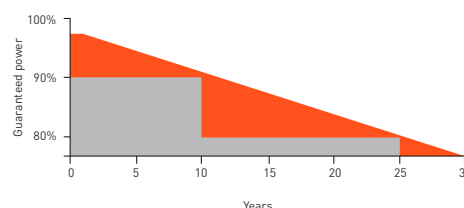
## Warranties

**12 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

## M60PCS 270W 275W 280W

### Product specification

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

Typical type	270W	275W	280W
Max power (Pmax) w	270W	275W	380W
Max power voltage (Vmp)	31.48	31.51	31.68
Max power current (Imp)	8.58	8.72	8.84
Open circuit voltage(Voc)	38.56	38.86	39.05
Short circuit current (Isc)	9.27	9.27	9.27
Max system voltage	DC1000V(TUV)/600V(UL)		
Cell efficiency(%)	19.4	19.56	19.92
Module efficiency (%)	16.60	16.9	17.2

### Mechanical Data

Dimensions	1640 x 992 x 40/35mm
Weight	18kgs
Front glass	3.2mm tempered glass
	TUV (2Pfg1169:2007), UL 4703, UL44 4.0
Output cables:	4mm <sup>2</sup> (0.006 inches <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

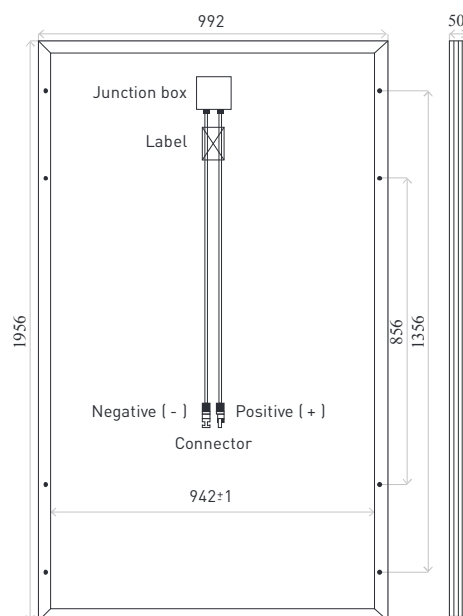
### Packing Configuration

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

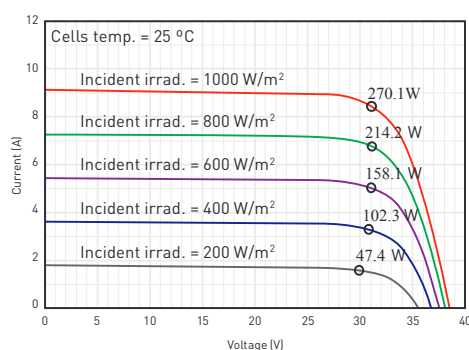
### Tests, Certifications and Warranties

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	IP67 Rated
Warranties	12-year material and workmanship and 25-year output at least 80%.

### Dimensions and Structure



### I-V Curve



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