

# MONO 60PCS SERIES MODULE

Industry leading module power output warranty  
International quality, safety and performance  
certifications.

Manufacturing facility certified to ISO9001 quality  
management system standards.

Beautiful appearance, good durability & easy  
installation.

Special design in accordance with requirements  
of customers.



FOR PRODUCT DEFECTS IN  
MATERIALS / WORKMANSHIP



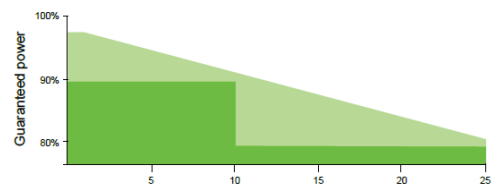
FOR 90% OF WARRANTED  
MINIMUM POWER OUTPUT



FOR 80% OF WARRANTED  
MINIMUM POWER OUTPUT



LINEAR WARRANTY

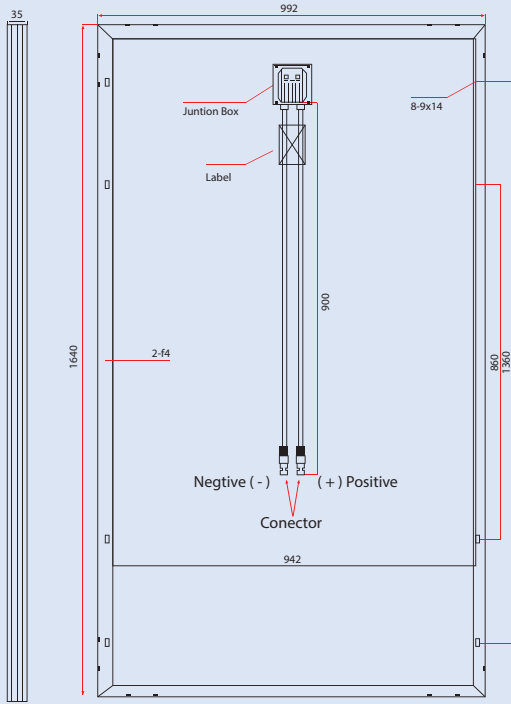




# SR-300/295/290/285-60M

## Product Specification

### DIMENSIONS AND STRUCTURE



### ELECTRICAL PARAMETERS AT STANDARD TEST CONDITIONS (STC:AM=1.5, 1000W/M2, CELLS TEMPERATURE 25°C )

Typical type	300W	295W	290W	285W
Max power (Pmax)	300	295	290	285
Max power voltage (Vmp)	32.60	32.35	32.08	31.81
Max power current (Imp)	9.20	9.12	9.04	8.96
Open circuit voltage (Voc)	39.80	39.27	39.18	39.12
Short circuit current (Isc)	9.77	9.73	9.68	9.62
Cell efficiency (%)	21.34	21.00	20.63	20.27
Module Efficiency (%)	18.44	18.13	17.83	17.52
Max system voltage	DC 1000(TUV)			
Maximum Series Fuse Rating	15A			

### MECHANICAL DATA

Dimensions	1640×992×35mm
Weight	18kgs
Front glass	3.2 mm tempered glass
Output cables	4 mm <sup>2</sup> length 900 mm
Connectors	MC4 comatible ≥IP67
Cell type	Mono Cell 156.75*156.75 mm
Number of cells	60 cells in series

### TEMPERATURE CHARACTERISTICS

Temp.Coeff.of Isc(TK Isc)	0.05% / °C
Temp.Coeff.of Voc(TK Voc) °C Temp.Coeff.of	(-0.32%) / °C
Pmax(TK Pmax)	(-0.41%) / °C
Operating temperature	(-40~+85%) °C
Normal operating cell temperature	45±2°C

### PACKING CONFIGURATION

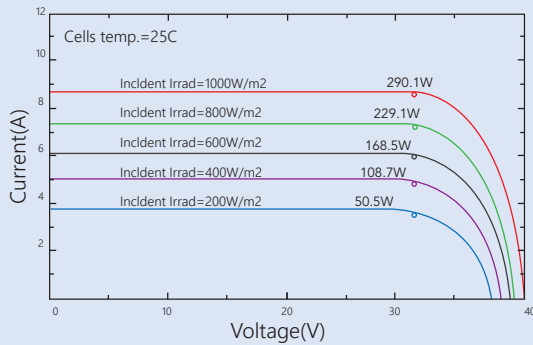
Container	20 GP	40 GP	40 HQ
Pieces per pallet	60	60	66
Pallets per container	6	14	14
Pieces per container	360	840	924

### TESTS,CERTIFICATIONS

Standard tests	IEC 61215, IEC 61730
System certs	ISO 9001, ISO14001
Certifications	CQC,TUV,CE,MCS,CEC,CHUBB
Extreme wind and Withstand extreme wind	Withstand extreme wind(2400 Pascal)
Snow loads testing	Snow loads(5400 Pascal)
Positive tolerance	0~+5W
Junction box	≥IP67

### I-V CURVE

#### I-V CURVES AT DIFFERENT IRRADIANCE



#### I-V CURVES AT DIFFERENT TEMPERATURE

