

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.

12
YEARS

FOR PRODUCT DEFECTS IN
MATERIALS / WORKMANSHIP

12
YEARS

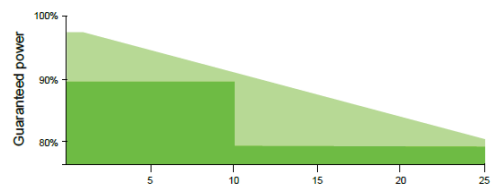
FOR 90% OF WARRANTED
MINIMUM POWER OUTPUT

25
YEARS

FOR 80% OF WARRANTED
MINIMUM POWER OUTPUT

25
YEARS

LINEAR WARRANTY

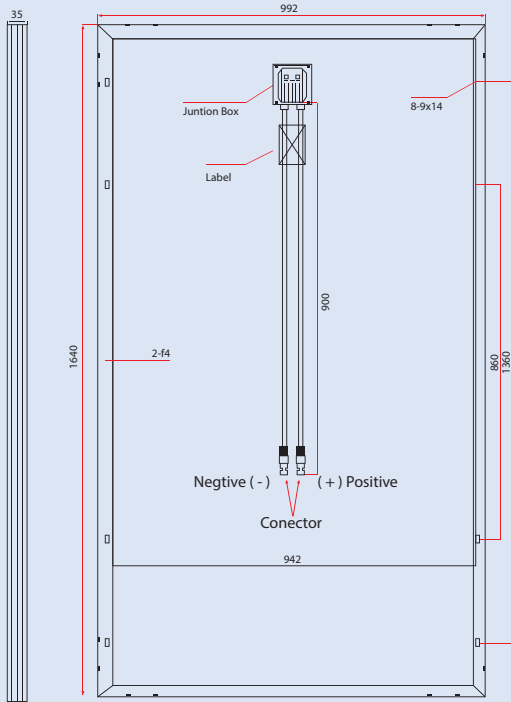




SR-300/295/290/285-60M

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 ² length 900 mm
Connectors	MC4 comatible IP68
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

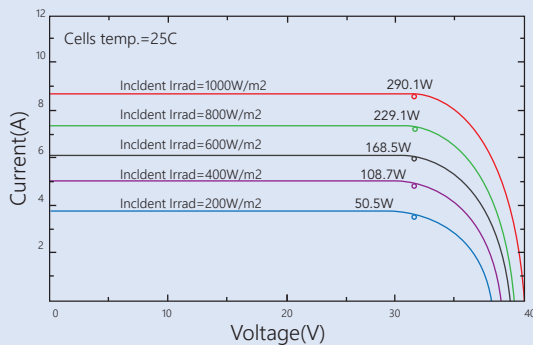
Container	20 GP	40 GP	40 HQ
Pieces per pallet	60	60	66
Pallets per container	6	14	14
Pieces per container	360	840	924

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(2400 Pascal)
Withstand extreme wind	Snow loads(5400 Pascal)
Snow loads testing	0~+5W
Positive tolerance	IP68
Junction box	

I-V CURVE

I-V CURVES AT DIFFERENT IRRADIANCE



I-V CURVES AT DIFFERENT TEMPERATURE

