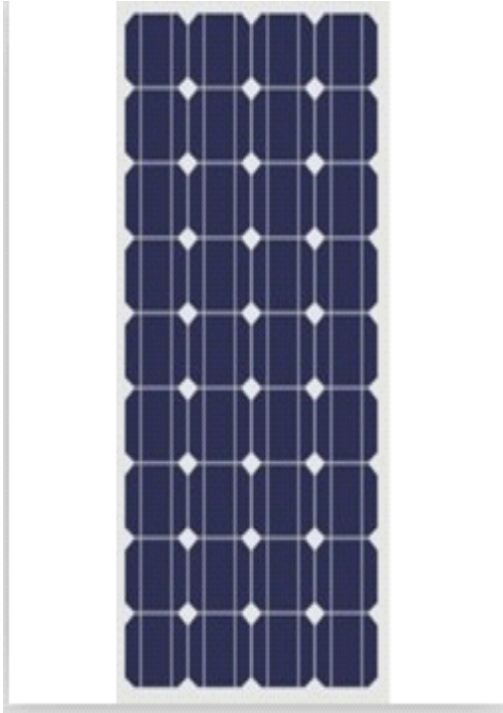


M36PCS-145W 140W 135W 130W Product Specification



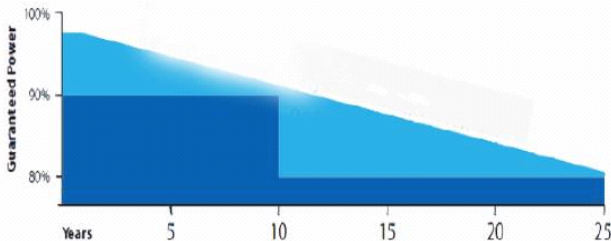
- Industry leading module power output warranty
- International quality, safety and performance certifications
- Manufacturing facility certified to ISO9001 Quality Management System standards
- Beautiful appearance, good durability & easy installation
- Special design in accordance with requirements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

CERTIFICATES

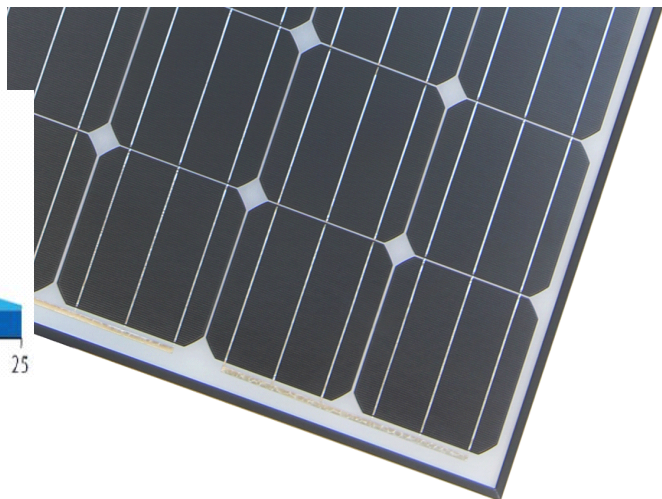


WARRANTIES

- 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



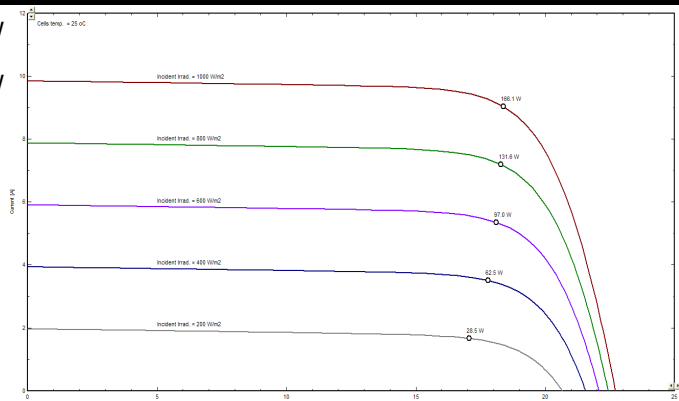
25 years linear warranty



Electrical parameters at Standard Test Conditions **I-V CURVE**

(STC:AM=1.5, 1000W/m², cells Temperature 25 °C)

Typical Type	145W	140W	135W	130W
Max-Power (Pmax) w	145W	140W	135W	130W
Max-Power Voltage (Vmp)	18.5	18	17.82	17.7
Max-Power Current (Imp)	7.84	8	7.58	7.34
Open-Circuit Voltage(Voc)	22.2	22	21.38	21.3
Short-Circuit Current (Isc)	8.86	9	8.56	8.29
Max-System Voltage	DC1000V			
Cell efficiency (%)	17.2	17	16	15.4



MECHANICAL DATA

Dimensions	1482*680*35mm
Weight	12kgs
Front Glass	3.2 mm tempered glass
	TUV (2Pfg1169:2007)

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

Output Cables: 4mm²(0.006 inches²),
symmetrical lengths
900 mm

Nominal Operating Cell Temperature 45±2 °C

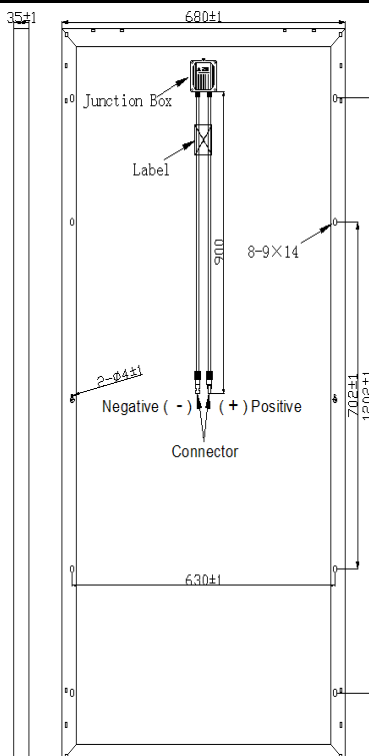
Connectors: MC4 compatible IP67
cell type: Mono Crystalline silicon,

PACKING CONFIGURATION

Container	20'GP	40'GP	40'HQ
Pieces per Pallet	64	64	80
Pallets per Container	7	15	15
Pieces per Container	448	960	1200

Number of cells: 36cells in series

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-+3%
Junction Box	≥ IP65 Rated
Warranties	10-year material and workmanship and 25-year output at least 80%.

