

Product Material
& Workmanship

12

Year Warranty

Linear
Performance

30

Year Warranty



Advanced processing techniques realize greater module efficiency to a maximum of 19.67%. Steady power output guaranteed



0~+5W Positive tolerance delivers higher output reliability



Excellent performance even under low-light settings, such as dawn, dusk and cloudy day

PID

Advanced cell technology and qualified materials lead to high resistance to PID



Excellent mechanical load resistance: wind loads (2400Pa) & snow loads (5400Pa)



Reliable quality leads to a better sustainability even in harsh environments



Perc Technology - 60 Cells

ELECTRICAL CHARACTERISTICS

Max Power (Pmax)	300 W
Tolerance of (Pmax)	[+0 ~ 5W]
Type of Cell	Mono-Crystalline
Cell Configuration	60 in series
Open Circuit Voltage (Voc)	40.1 V
Maximum Power Voltage (Vpm)	32.8 V
Short Circuit Current (Isc)	9.81 A
Maximum Power Current (Ipm)	9.15 A
Maximum (DC) Voltage	1000 VDC
Series Fuse Rating	15 A
NOCT	45°C ±2
Temperature Coefficient (Pmax)	-0.39%/C
Temperature Coefficient (Voc)	-0.30%/C
Temperature Coefficient (Isc)	+0.05%/C

STC - Standard Test Conditions: Irradiation 1000 W/m² - Air mass AM 1.5 - Cell temperature 25 °C

* Calculated using maximum power based on full positive output tolerance [0 ~5%]

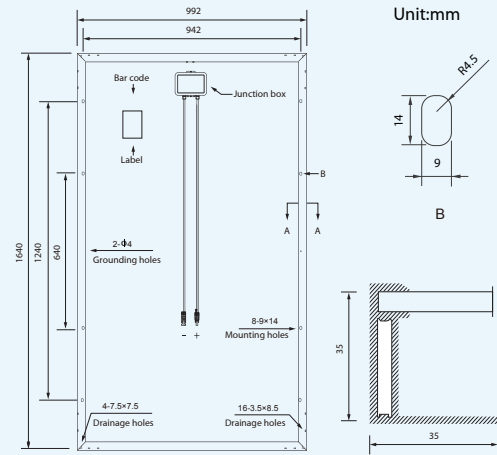
MECHANICAL CHARACTERISTICS

Dimensions (W x H x D)	39" x 64.6" x 1.38" 992 x 1640 x 35 mm
Output Interconnect Cable	MC4 Brand
Weight	18 kg / 39.6 lbs
Max Wind Load / Snow Load	2400Pa / 5400Pa
Operating Temperature	-40 to 85° C -40 to 185°F
Application Class	Class A
Fire Resistance Rating	Class C

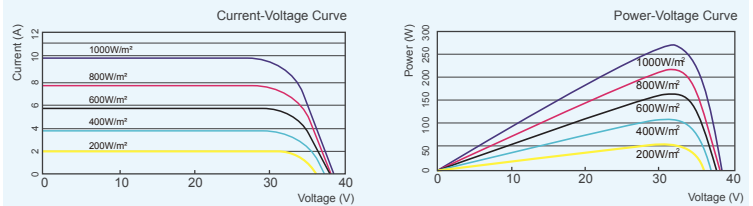
CERTIFICATIONS



DIMENSIONS



IV CURVES



LINEAR WARRANTY

No more than 2.5% peak power degradation in 1st Year

No more than .6% peak power degradation in coming 29 years

Free from defects of materials and workmanship for 12 years