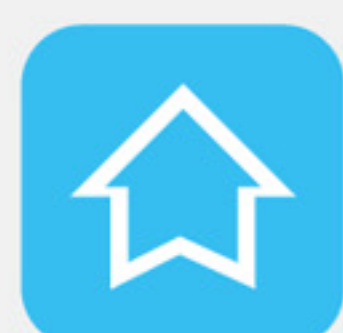


Promelight Module

Polycrystalline

- PT-P660255BB 255W
- PT-P660250BB 250W
- PT-P660245BB 245W
- PT-P660240BB 240W



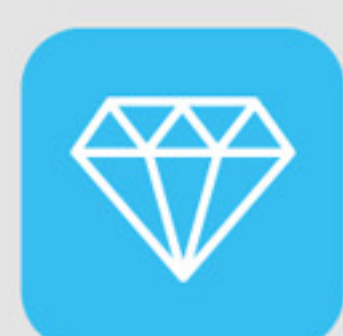
High conversion efficiency
High module efficiency to guarantee power output.



Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.



Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



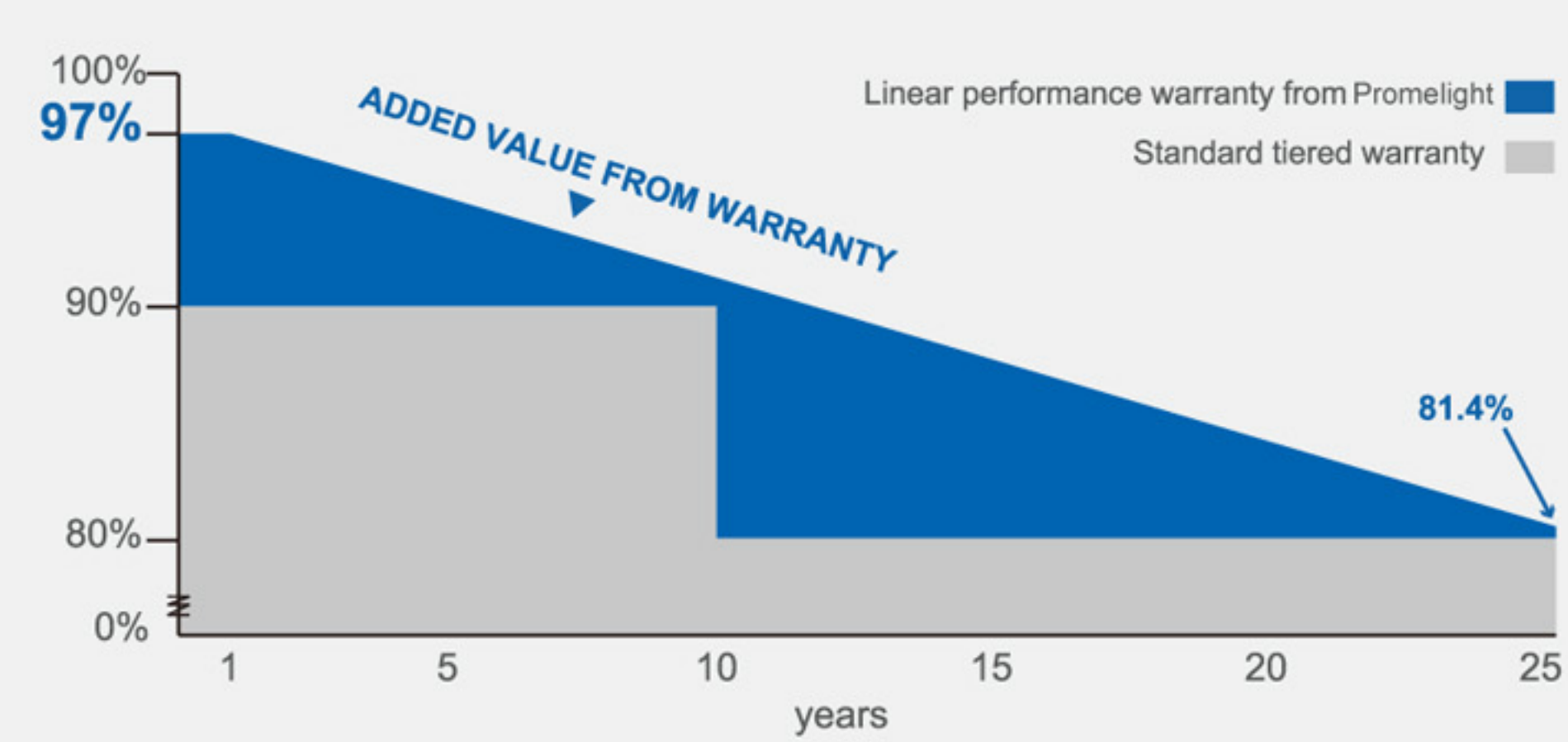
Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.

0 to +5W

0 to +5W positive tolerance
Detailed information in Electrical Specifications.

48

48-hour response service



25 25-year performance warranty

10 10-year warranty on materials and workmanship

IEC 61215 Ed.2
IEC 61730



www.promelight.com.my

ELECTRICAL SPECIFICATIONS

Model Type	PT-P660255BB	PT-P660250BB	PT-P660245BB	PT-P660240BB
Peak Power (Pmax)	255W	250W	245W	240W
Module Efficiency	15.67%	15.37%	15.06%	14.75%
Maximum Power Voltage (Vmp)	30.91V	30.34V	30.14V	29.96V
Maximum Power Current (Imp)	8.25A	8.24A	8.13A	8.02A
Open Circuit Voltage (Voc)	37.54V	37.47V	37.27V	37.17V
Short Circuit Current (Isc)	8.82A	8.76A	8.73A	8.58A
Power Tolerance	0 to +5W			
Maximum System Voltage	DC 1000V			
Nominal Operating Cell Temperature	45.3±2°C			
Fire Safety	Class C			
Maximum Series Fuse Rating	20A			

MECHANICAL SPECIFICATIONS

Cell Type	156mm x 156mm
Number of Cells	60 cells in series
Weight	18.8 kg (41.45 lbs)
Dimension	1640×992×40mm (64.57×39.06×1.58 inch)
Max Load	5400 Pascals (112 lb/ft²)
Junction Box	IP67 rated
Connector	MC4 Compatible

TEMPERATURE COEFFICIENT

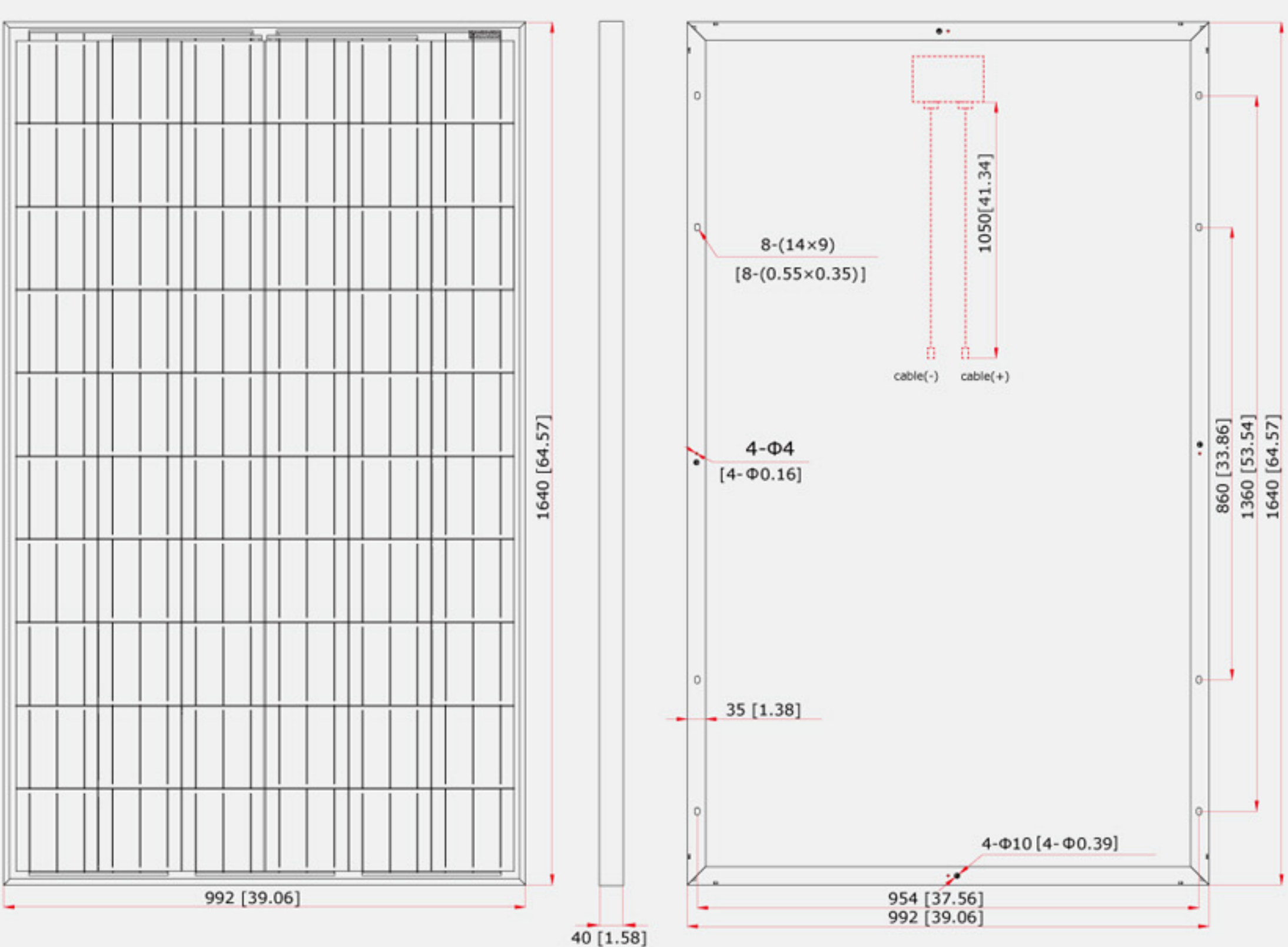
Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Temp. Coeff. of Voc (TK Voc)	-0.34% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.44% /°C

PACKING MANNER

Container	20' GP	40' GP
Pieces per Pallet	26	26
Pieces per Container	312	728

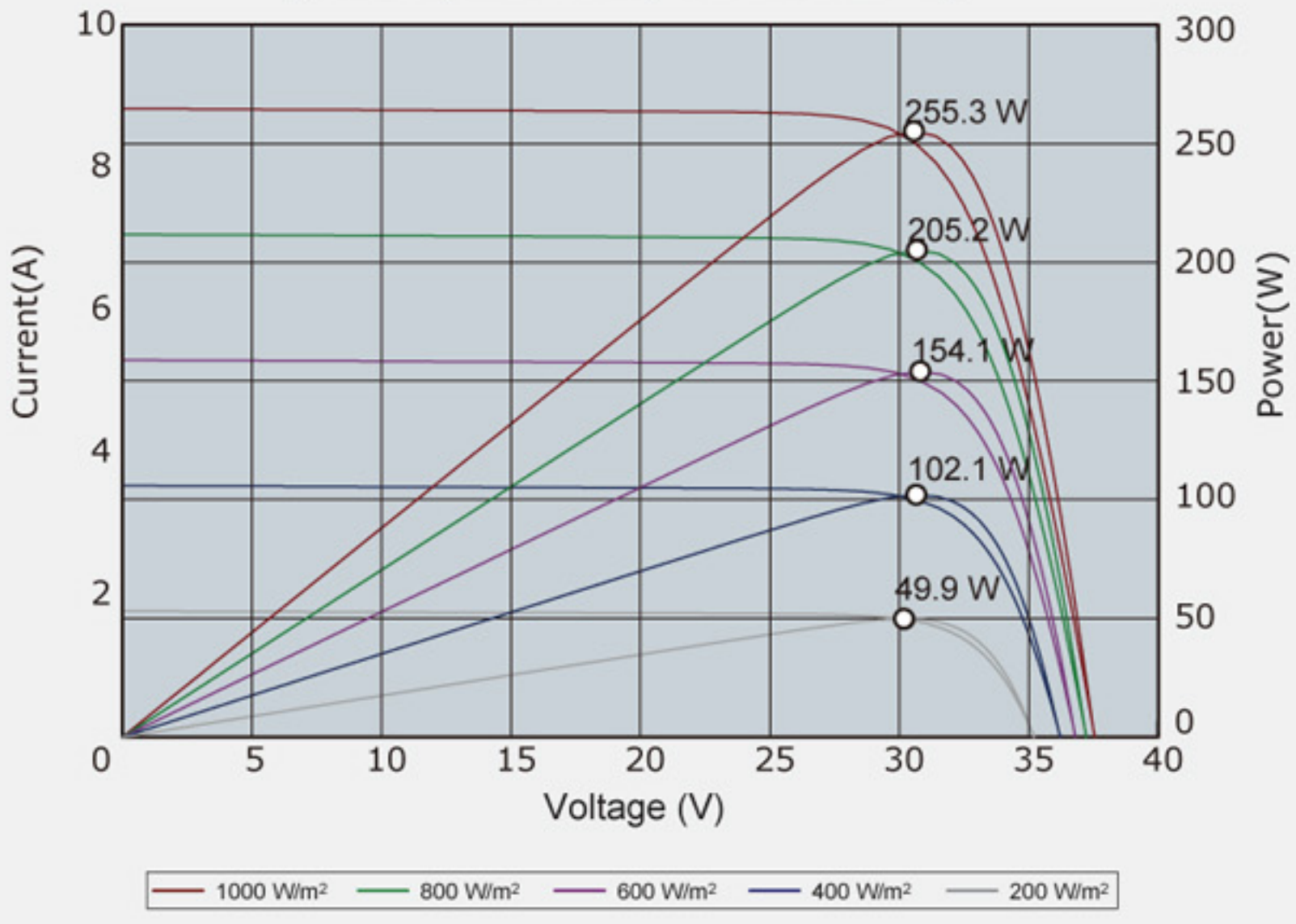
PHYSICAL CHARACTERISTICS

Unit:mm (inch)

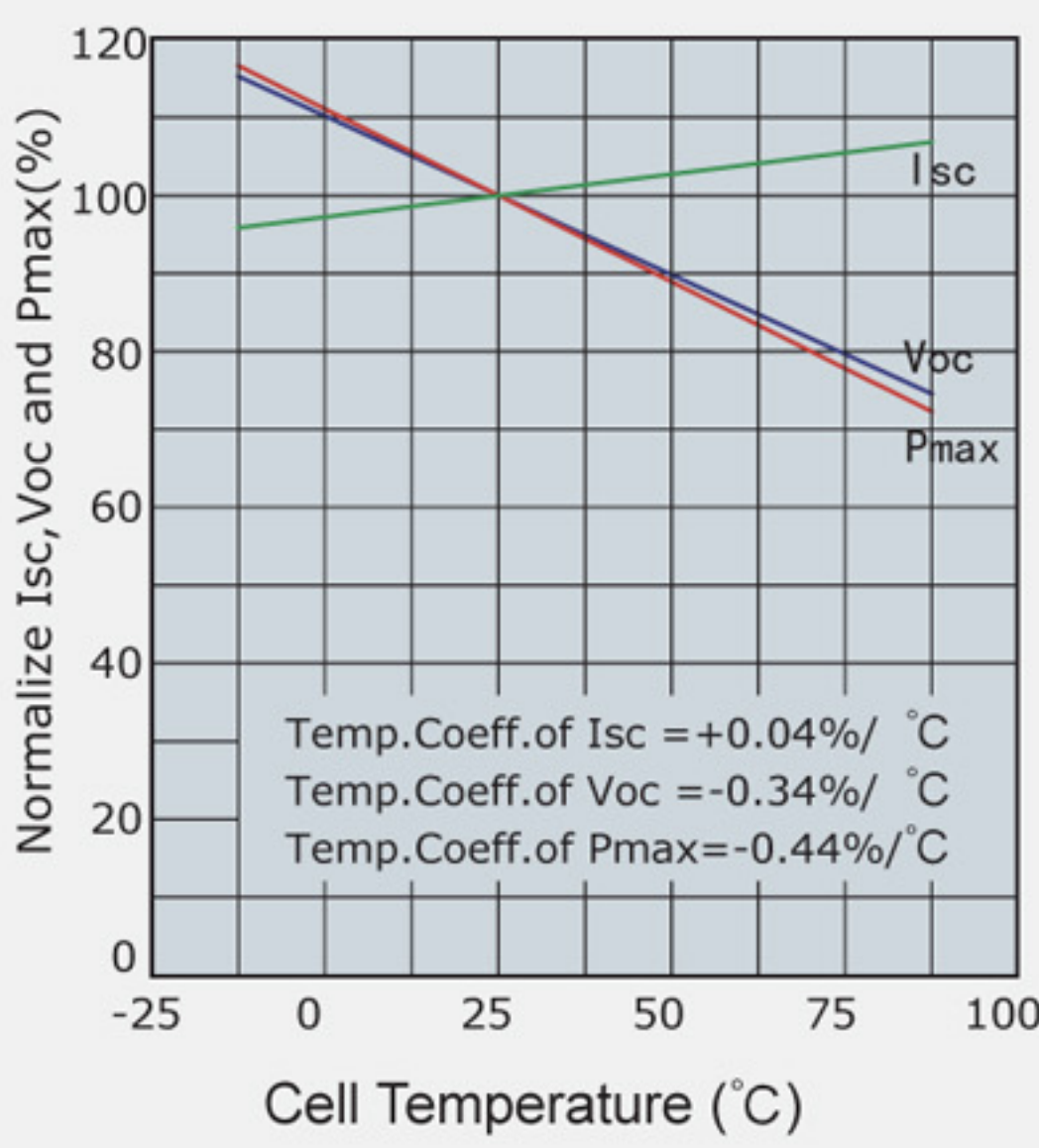


ELECTRICAL CHARACTERISTICS

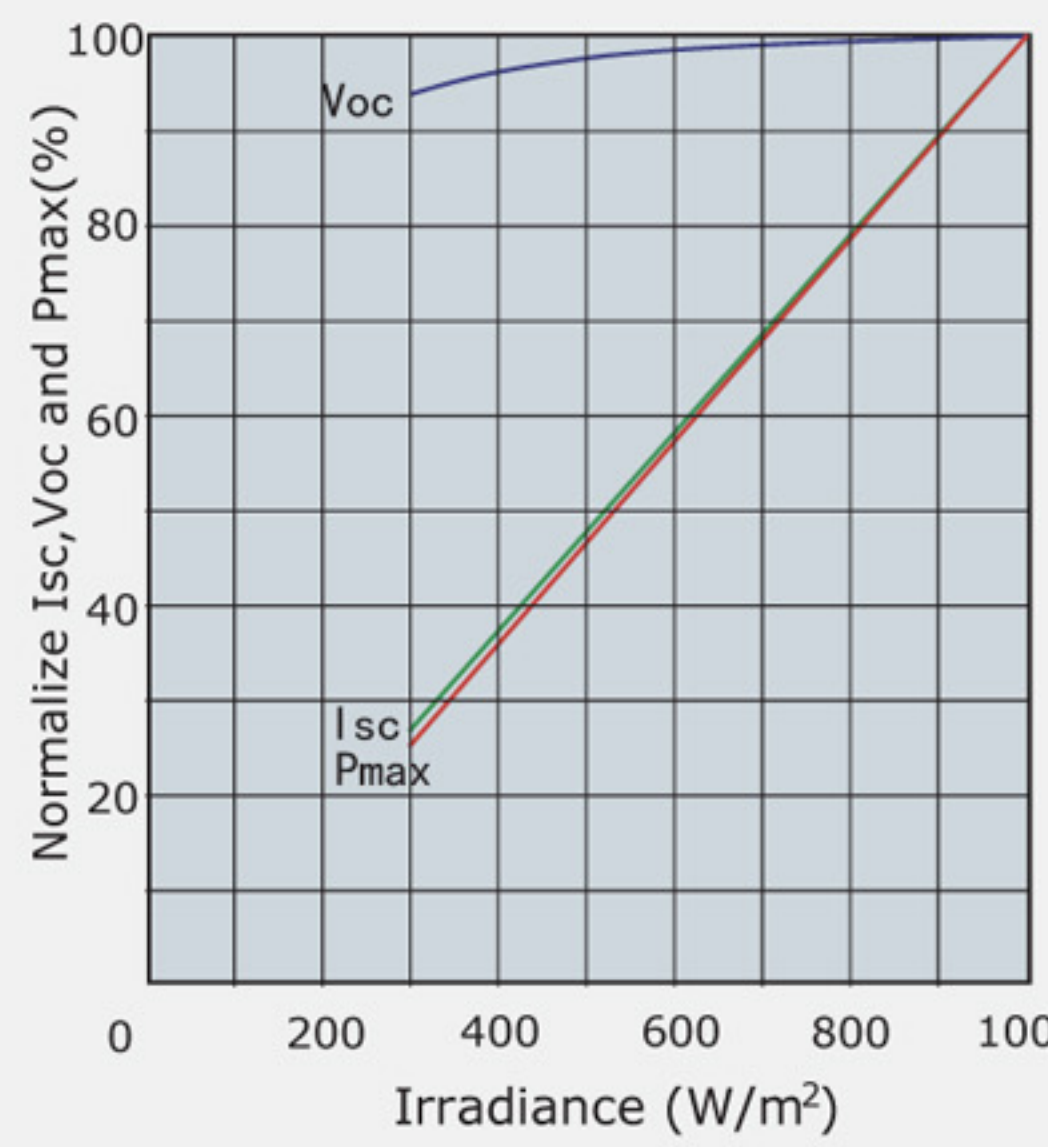
Current-Voltage & Power-Voltage Curve
(AM1.5, Cell Temperature 25°C)



Temperature Dependence of Isc, Voc and Pmax



Irradiance Dependence of Isc, Voc and Pmax
(AM1.5, Cell Temperature 25°C)



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800 W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.
Please contact sales@promelight.com.my for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts.
The specifications are subject to change without prior notice.