

FY -182-156NDG

BIFACIAL MODULE WITH DUAL GLASS

615W-635W



635W

Maximum Power Output

22.72%

Maximum Module Efficiency

0~+3W

Power Output Tolerance



SMBB Technology

Better light trapping and current collection to improve module power output and reliability.



Hot 2.0 Technology

The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.



PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



Enhanced Mechanical Load

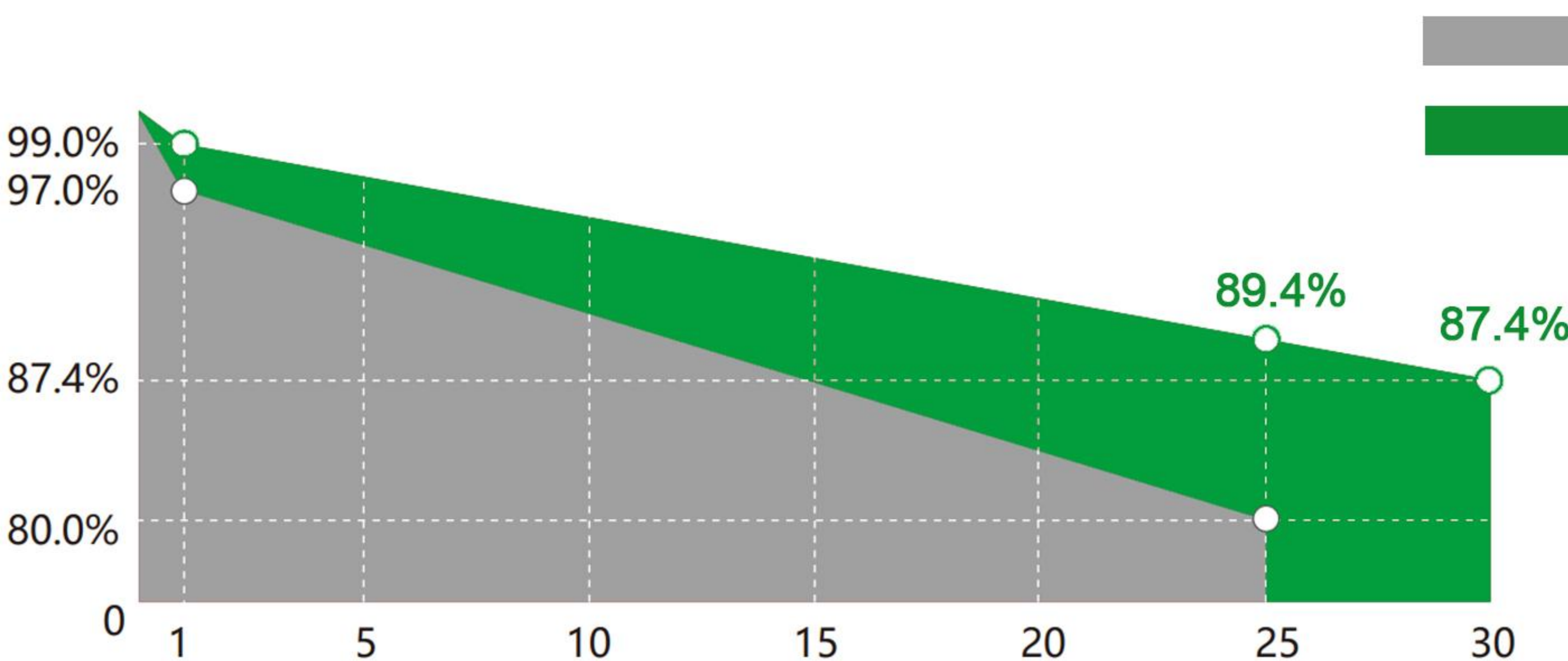
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.

LINEAR PERFORMANCE WARRANTY



Standard Module Linear Performance Warranty

FY N-type Module Linear Performance Warranty

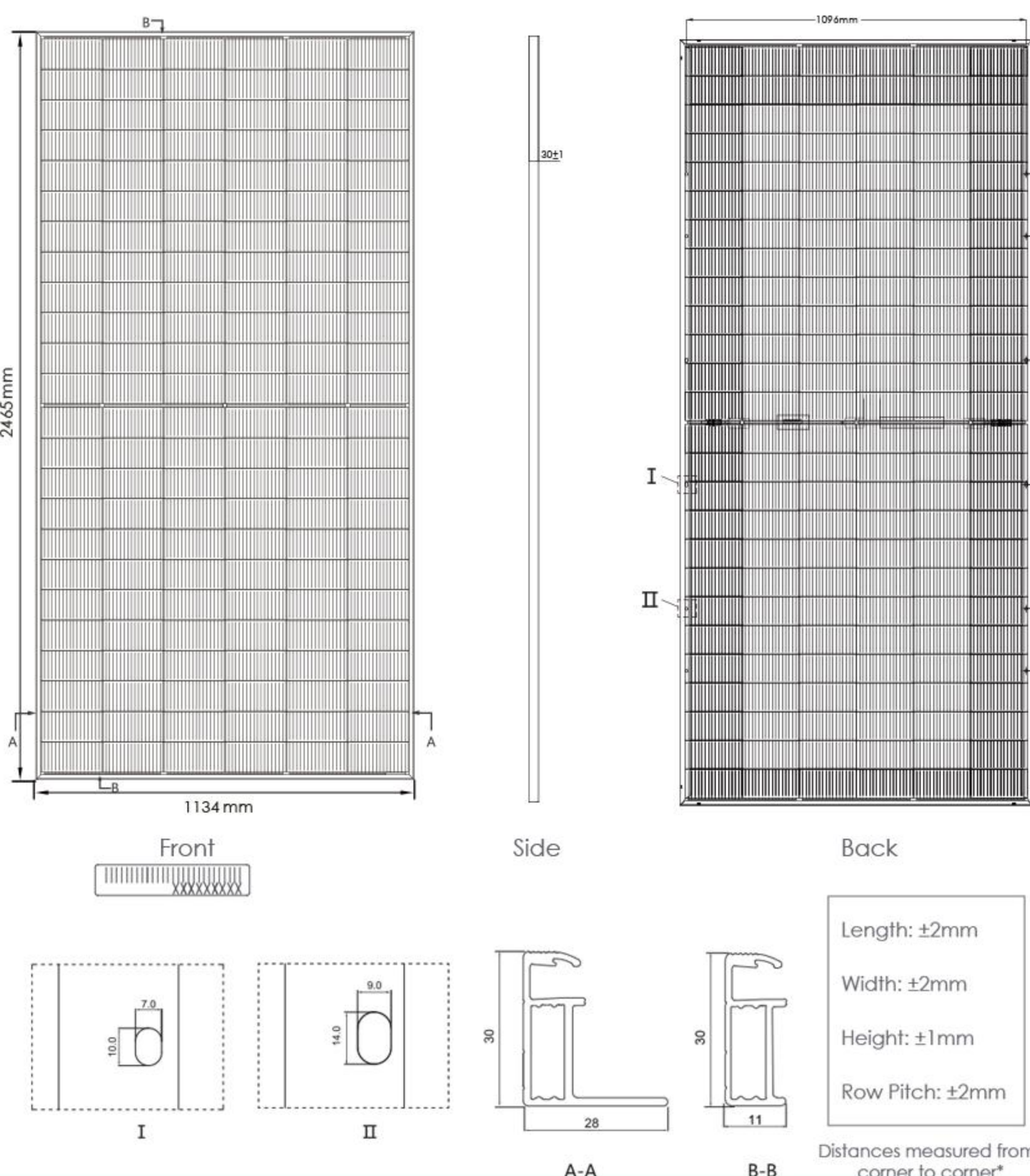
12 Years Product Material & Workmanship

30 Years Linear Performance Warranty

SPECIFICATIONS

Module Type	FY-156-615NDG		FY-156-620NDG		FY-156-625NDG		FY-156-630NDG		FY-156-635NDG	
	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC
Maximum Power (Pmax)	615Wp	463Wp	620Wp	467Wp	625Wp	471Wp	630Wp	475Wp	635Wp	479Wp
Maximum Power Voltage (Vmp)	47.20V	44.39V	47.37V	44.54V	47.54V	44.69V	47.70V	44.83V	47.86V	44.98V
Maximum Power Current (Imp)	13.03A	10.44A	13.09A	10.49A	13.15A	10.54A	13.21A	10.59A	13.27A	10.64A
Open-circuit Voltage (Voc)	56.69V	42.72V	56.82V	42.82V	56.95V	42.92V	57.08V	43.02V	57.21V	43.11V
Short-circuit Current (Isc)	13.68A	10.31A	13.74A	10.35A	13.80A	10.40A	13.86A	10.44A	13.92A	10.49A
Module Efficiency STC (%)	22.00%		22.18%		22.36%		22.54%		22.72%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000/150VDC(IEC)									
Maximum series fuse rating	30A									
Power tolerance	0~+3°C									
Temperature coefficients of Pmax	-0.29%/°C									
Temperature coefficients of Voc	-0.25%/°C									
Temperature coefficients of Isc	0.045%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

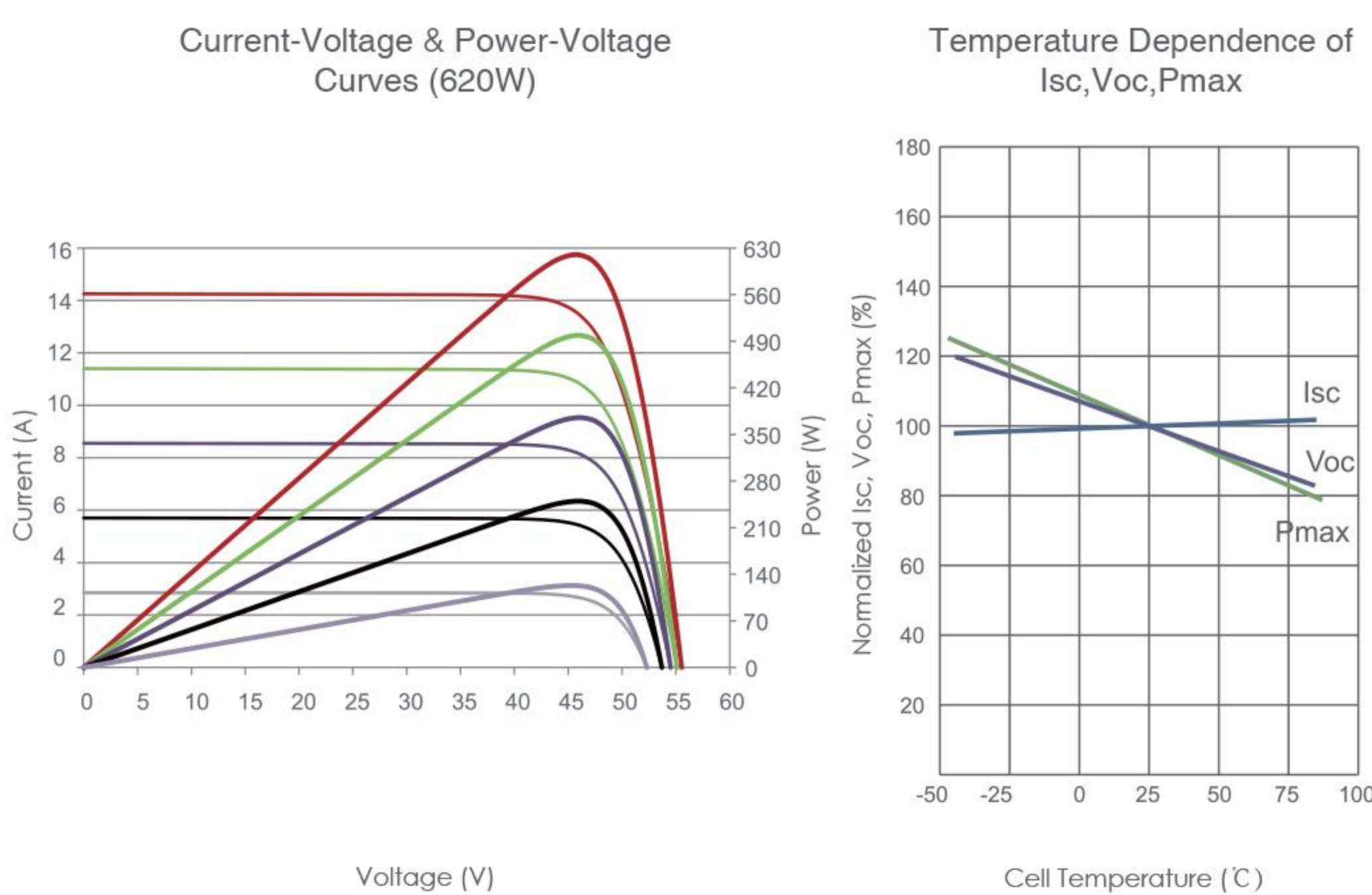
Engineering Drawings



Packaging Configuration

36pcs/pallets, 72pcs/stack, 576pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	N type Mono-crystalline
NO.of cells	156(2X78)
Dimensions	2465X1134X30mm(97.05X44.65X1.18inch)
Weight	34Kg(74.96lbs)
Output Cables	TUV 1X4.0mm²
Junction Box	IP68Rated