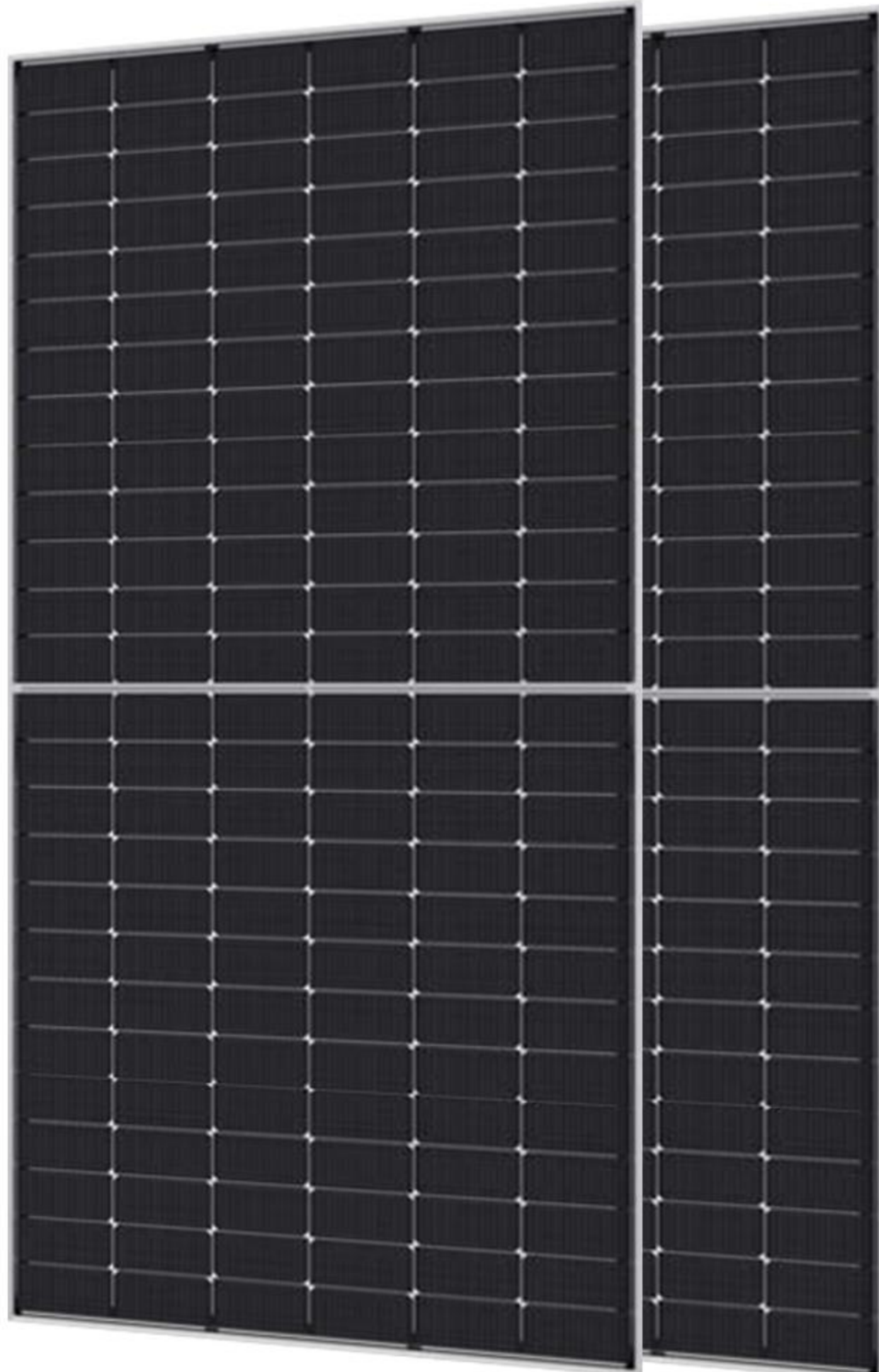


FY -182-156N

MONO-FACIAL MODULE

615W-635W

IEC61215(2016), IEC61730(2016)
ISO9001:2015: QUALITY MANAGEMENT SYSTEM
ISO14001:2015: ENVIRONMENT MANAGEMENT SYSTEM
ISO45001:2018: OCCUPATIONAL HEALTH AND SAFETY
MANAGEMENT SYSTEMS



635W

Maximum Power
Output

21.89%

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

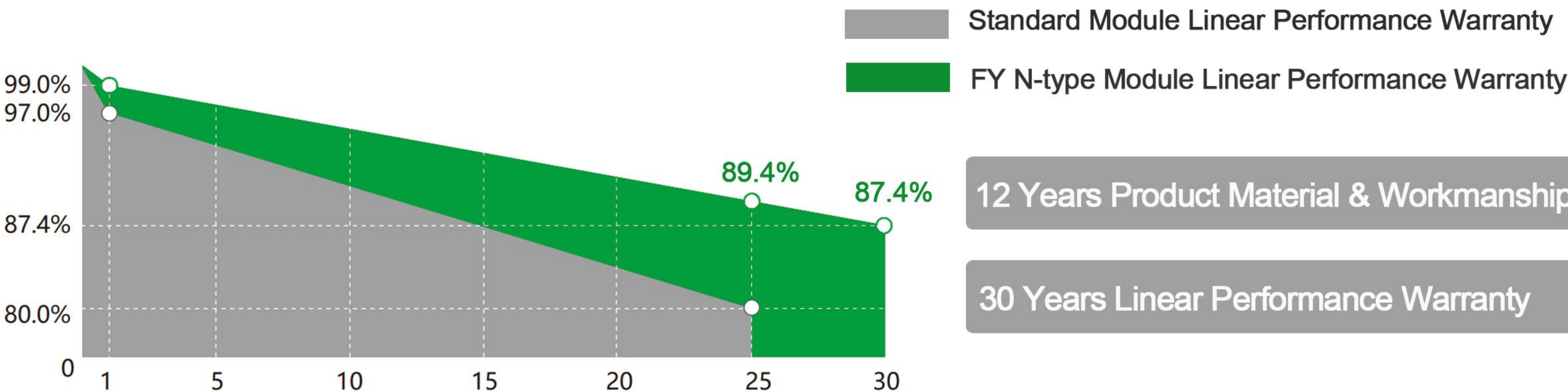
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Durability Against Extreme
Environmental Conditions

High salt mist and ammonia resistance.

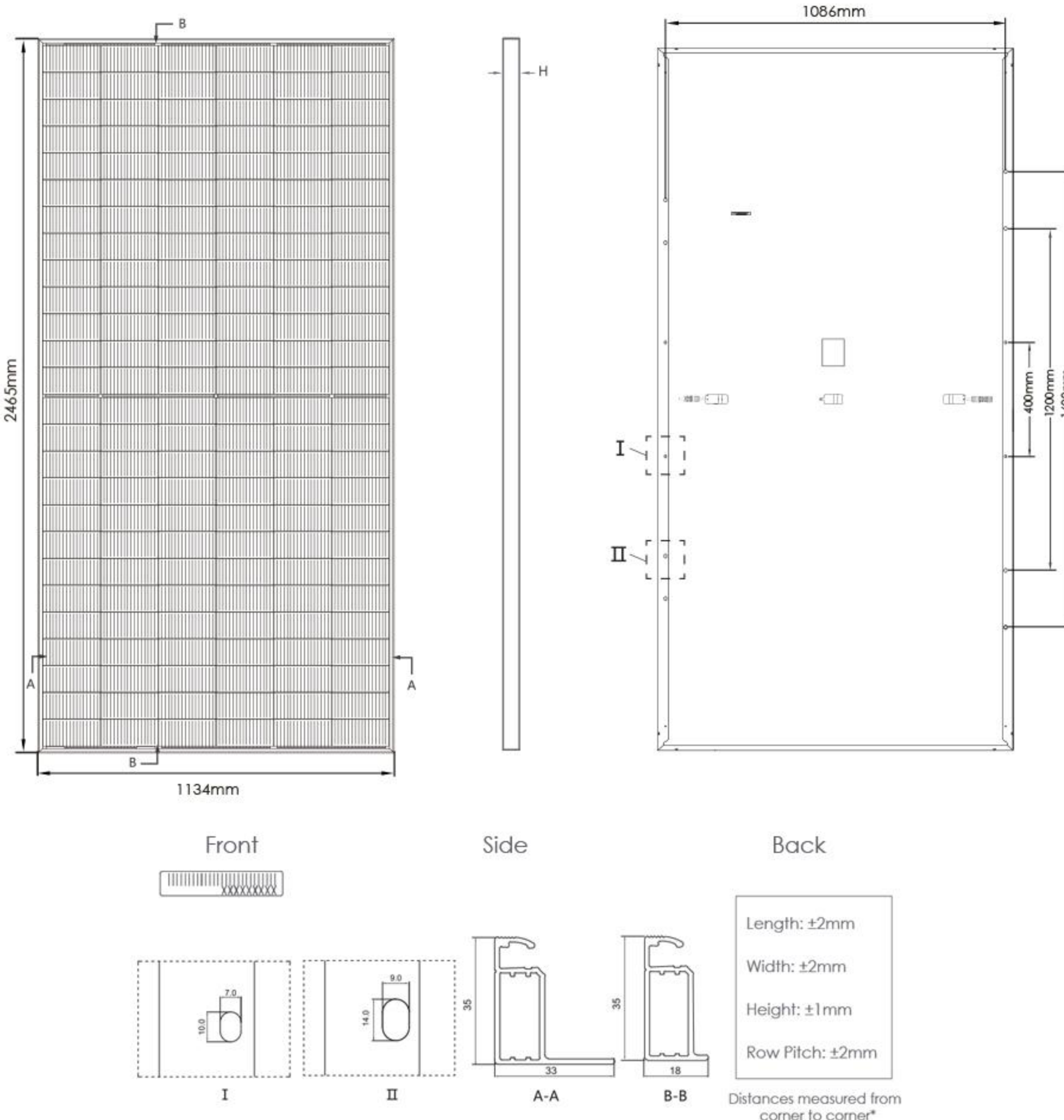
LINEAR PERFORMANCE WARRANTY



SPECIFICATIONS

Module Type	FY-156-615N		FY-156-620N		FY-156-625N		FY-156-630N		FY-156-635N	
	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)	46.81V	43.85V	46.97V	44.00V	47.14V	44.14V	47.30V	44.29V	47.46V	44.43V
Maximum Power Current (Imp)	13.14A	10.57A	13.20A	10.62A	13.26A	10.67A	13.32A	10.72A	13.38A	10.77A
Open-circuit Voltage (Voc)	56.25V	42.75V	56.40V	42.86V	56.55V	42.98V	56.70V	43.09V	56.85V	43.21V
Short-circuit Current (Isc)	13.80A	11.14A	13.86A	11.19A	13.92A	11.24A	13.98A	11.28A	14.04A	11.33A
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	25A									
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									

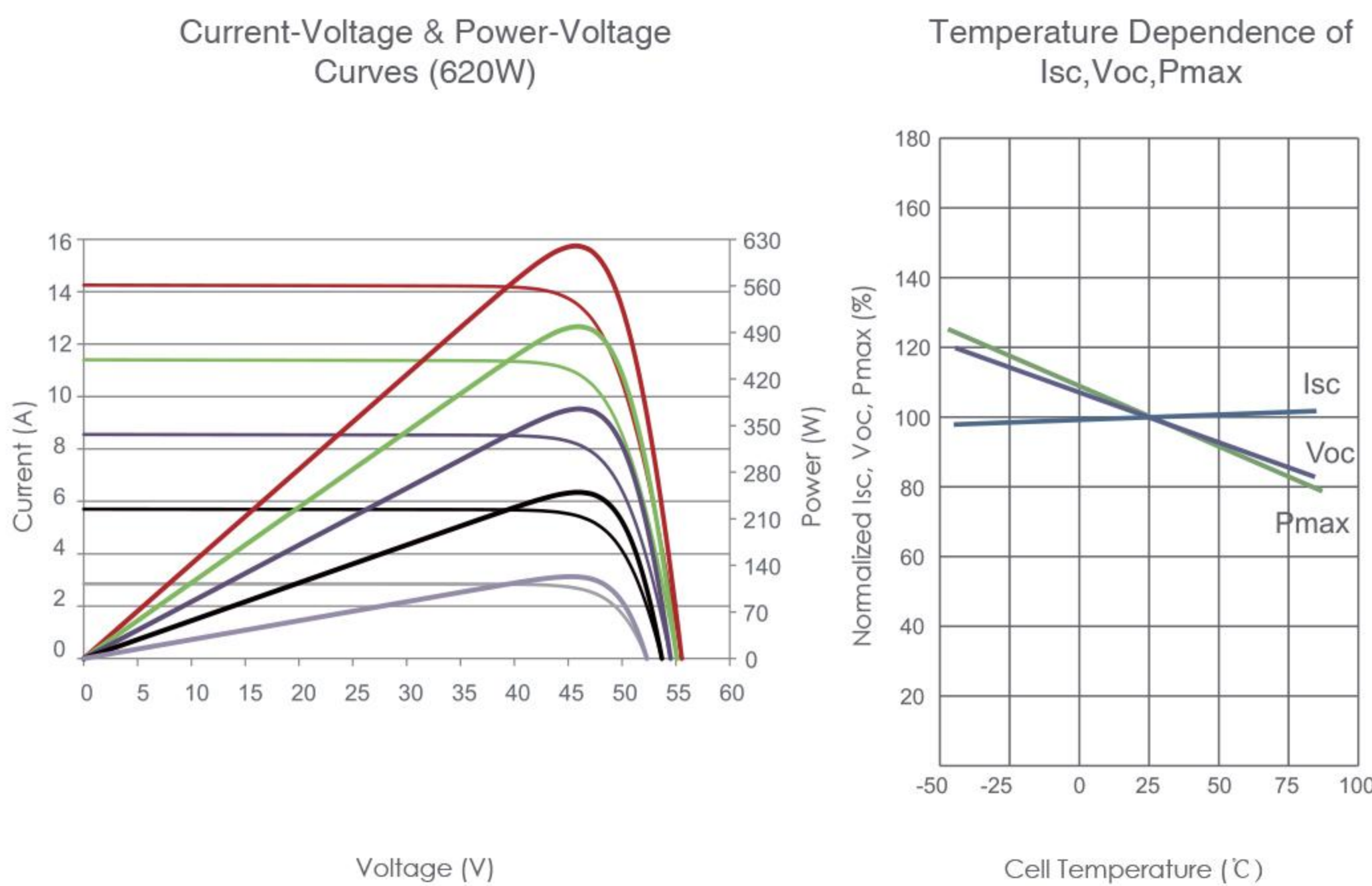
Engineering Drawings



Packaging Configuration

31pcs/pallets, 62pcs/stack, 496pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	N type Mono-crystalline
NO.of cells	156(2X78)
Dimensions	2465X1134X35mm(97.05X44.65X1.38inch)
Weight	29.5Kg(65.04lbs)
Output Cables	TUV 1X4.0mm ²
Junction Box	IP68Rated