

FY N-TYPE 156M

MONO-FACIAL MODULE

595W-615W

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



615W

Maximum Power Output

21.89%

Maximum Module Efficiency

0~+5W

Power Output Tolerance



SMBB Technology

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



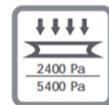
Hot 2.0 Technology

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

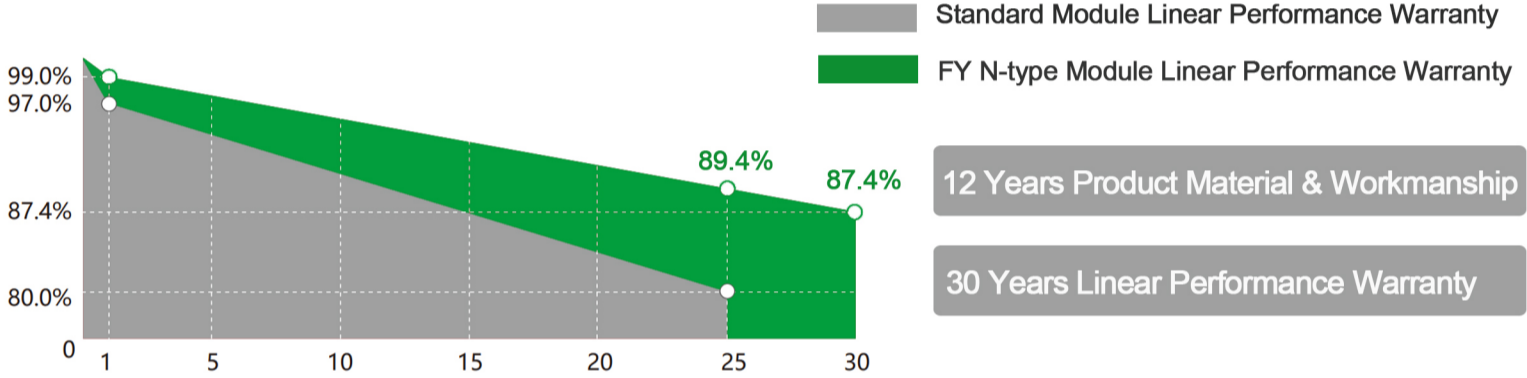
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.

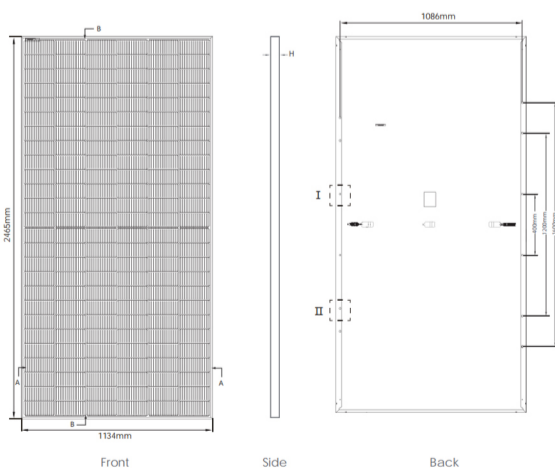
LINEAR PERFORMANCE WARRANTY



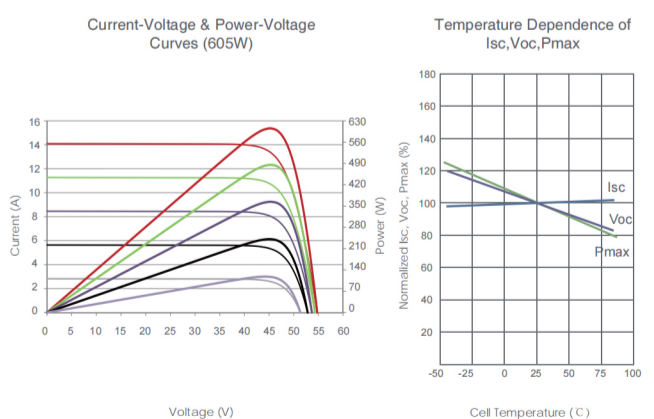
SPECIFICATIONS

Module Type	FYNP-595W		FYNP-600W		FYNP-605W		FY NP-610W		FYNP-615W	
	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC
Maximum Power (Pmax)	595Wp	447Wp	600Wp	451Wp	605Wp	455Wp	610Wp	459Wp	615Wp	462Wp
Maximum Power Voltage (Vmp)	45.29V	41.93V	45.39V	42.05V	45.49V	42.16V	45.59V	42.28V	45.69V	42.39V
Maximum Power Current (Imp)	13.13A	10.67A	13.22A	10.73A	13.30A	10.79A	13.38A	10.85A	13.46A	10.92A
Open-circuit Voltage (Voc)	54.80V	52.05V	54.95V	52.20V	55.10V	52.34V	55.25V	55.48V	55.40V	52.62V
Short-circuit Current (Isc)	13.90A	11.22A	13.97A	11.28A	14.04A	11.34A	14.11A	11.39A	14.18A	11.45A
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	-0.3%/°C									
Temperature coefficients of Voc	-0.25%/°C									
Temperature coefficients of Isc	0.046%/°C									
Nominal operating cell temperature (NOCT)	45±2°C									

Engineering Drawings



Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	N type Mono-crystalline
NO.of cells	156(6X26)
Dimensions	2465X1134X35mm(97.05X44.65X1.38inch)
Weight	30.6Kg(67.46 lbs)
Front Glass	TUV 1X4.0mm ²
Junction Box	IP68Rated

Packaging Configuration

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