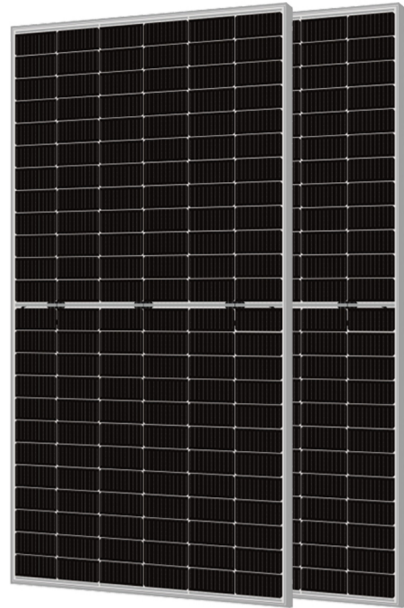


FY N-TYPE 144M

MONO-FACIAL MODULE

555W-575W

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



575W

Maximum Power Output

21.94%

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

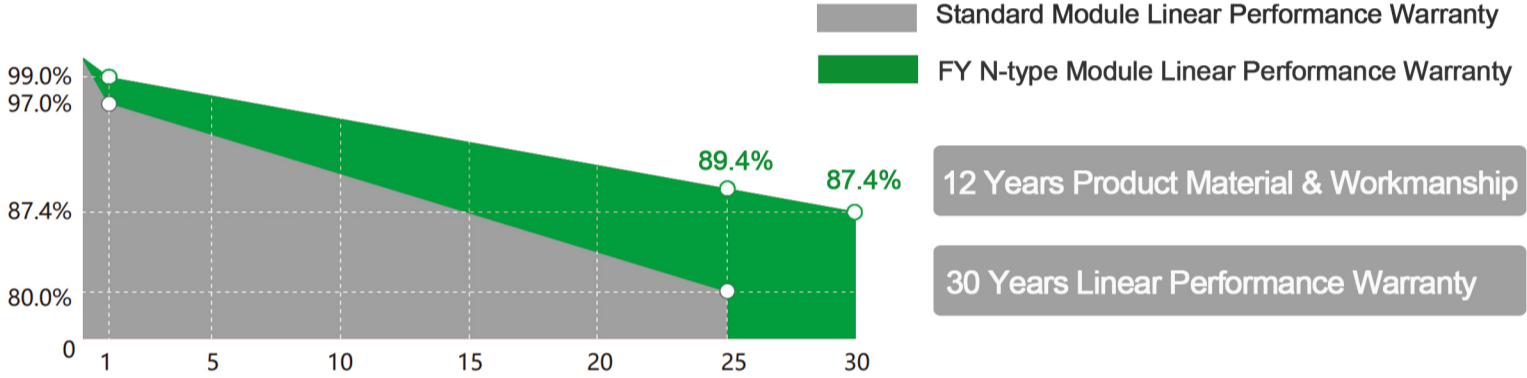
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.

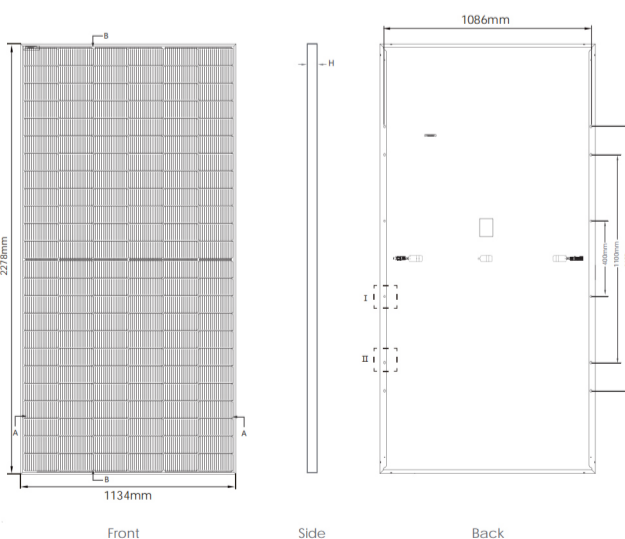
LINEAR PERFORMANCE WARRANTY



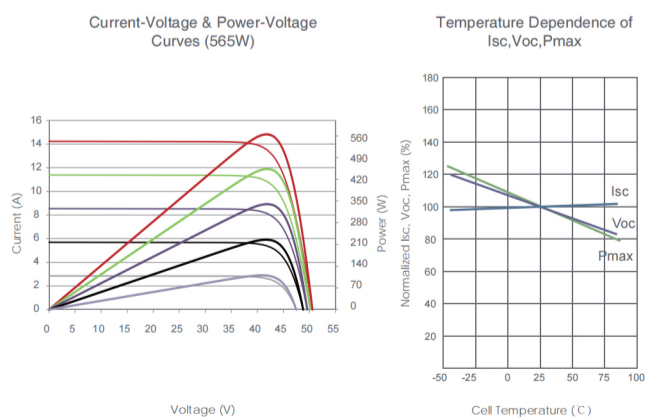
SPECIFICATIONS

Module Type	FYNP-555W		FYNP-560W		FYNP-565W		FY NP-570W		FYNP-575W	
	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC
Maximum Power (Pmax)	555Wp	417Wp	560Wp	421Wp	565Wp	425Wp	570Wp	429Wp	575Wp	432Wp
Maximum Power Voltage (Vmp)	41.64V	39.12V	41.77V	39.25V	41.92V	39.38V	42.07V	39.51V	42.22V	39.60V
Maximum Power Current (Imp)	13.33A	10.67A	13.41A	10.73A	13.48A	10.79A	13.55A	10.85A	13.62A	10.92A
Open-circuit Voltage (Voc)	50.34V	47.82V	50.47V	47.94V	50.60V	48.06V	50.7V	48.20V	50.88V	48.33V
Short-circuit Current (Isc)	14.07A	11.36A	14.15A	11.42A	14.23A	11.49A	14.31A	11.55A	14.39A	11.62A
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	144(6X24)
Dimensions	2278X1134X35mm(89.69X44.65X1.38 inch)
Weight	28Kg(61.73 lbs)
Front Glass	TUV 1X4.0mm ²
Junction Box	IP68Rated

Packaging Configuration

31pcs/pallets, 62pcs/stack, 620pcs/ 40'HQ Container