



HALF CELL PERC

FY -210-150M

MONO-FACIAL MODULE

485W-510W



510W

Maximum Power Output

21.20%

Maximum Module Efficiency

0~+5W

Power Output Tolerance



SMBB Technology

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



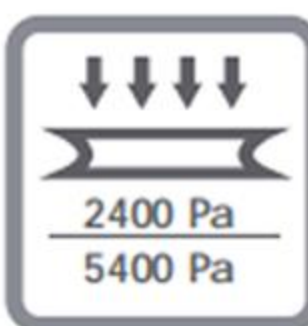
Reduced Hot Spot Loss

Optimized electrical design and lower operating current for reduced hot spot loss and better temperature coefficient.



PID Resistance

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



Enhanced Mechanical Load

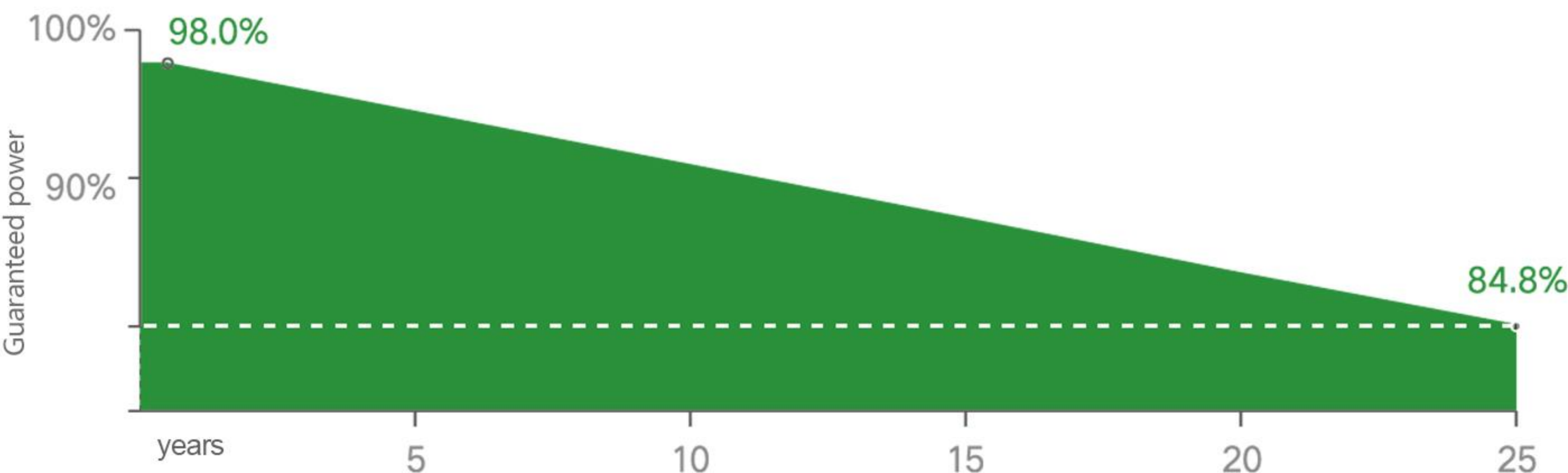
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.

LINEAR PERFORMANCE WARRANTY



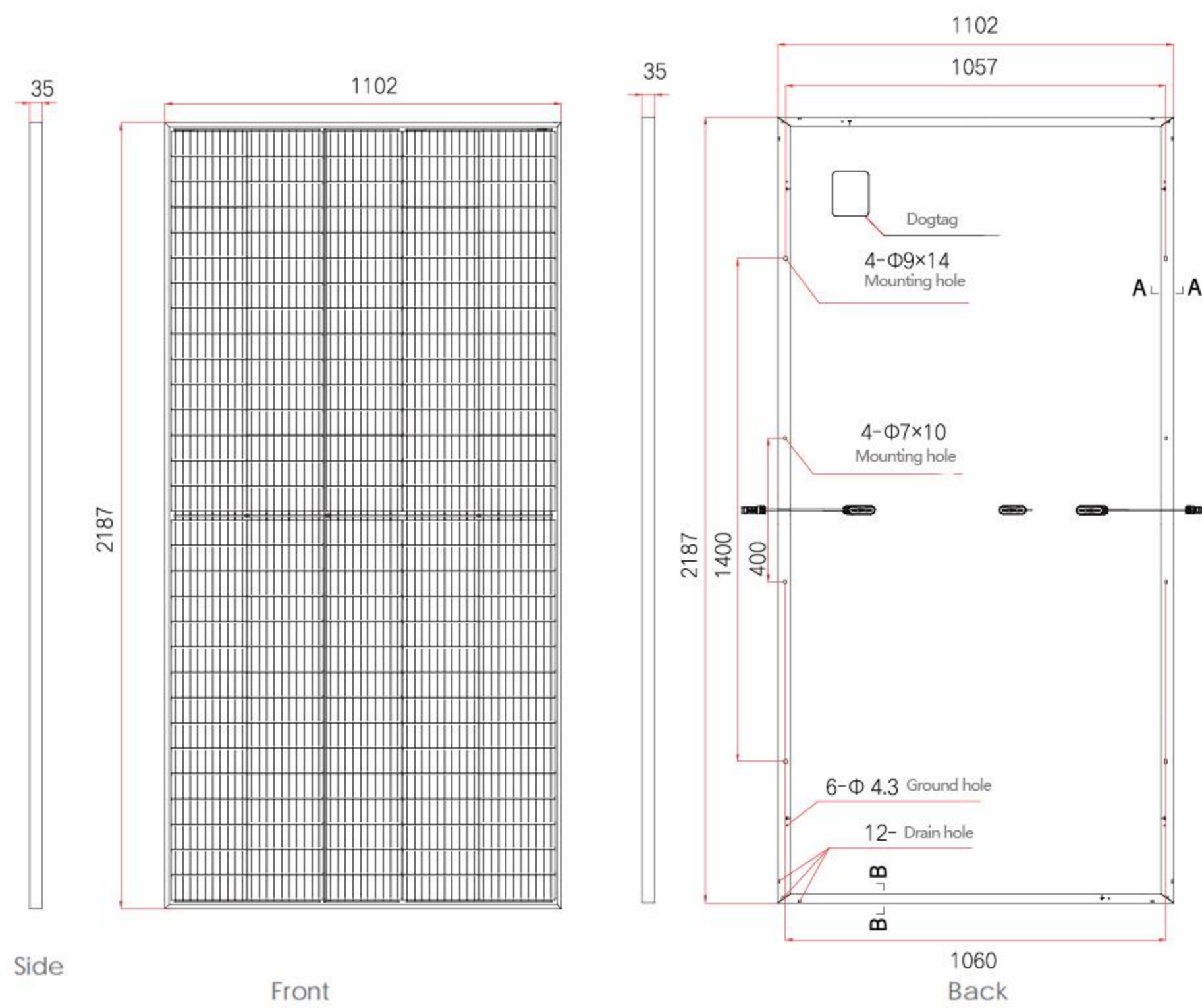
12 Years Product Material & Workmanship

30 Years Linear Performance Warranty

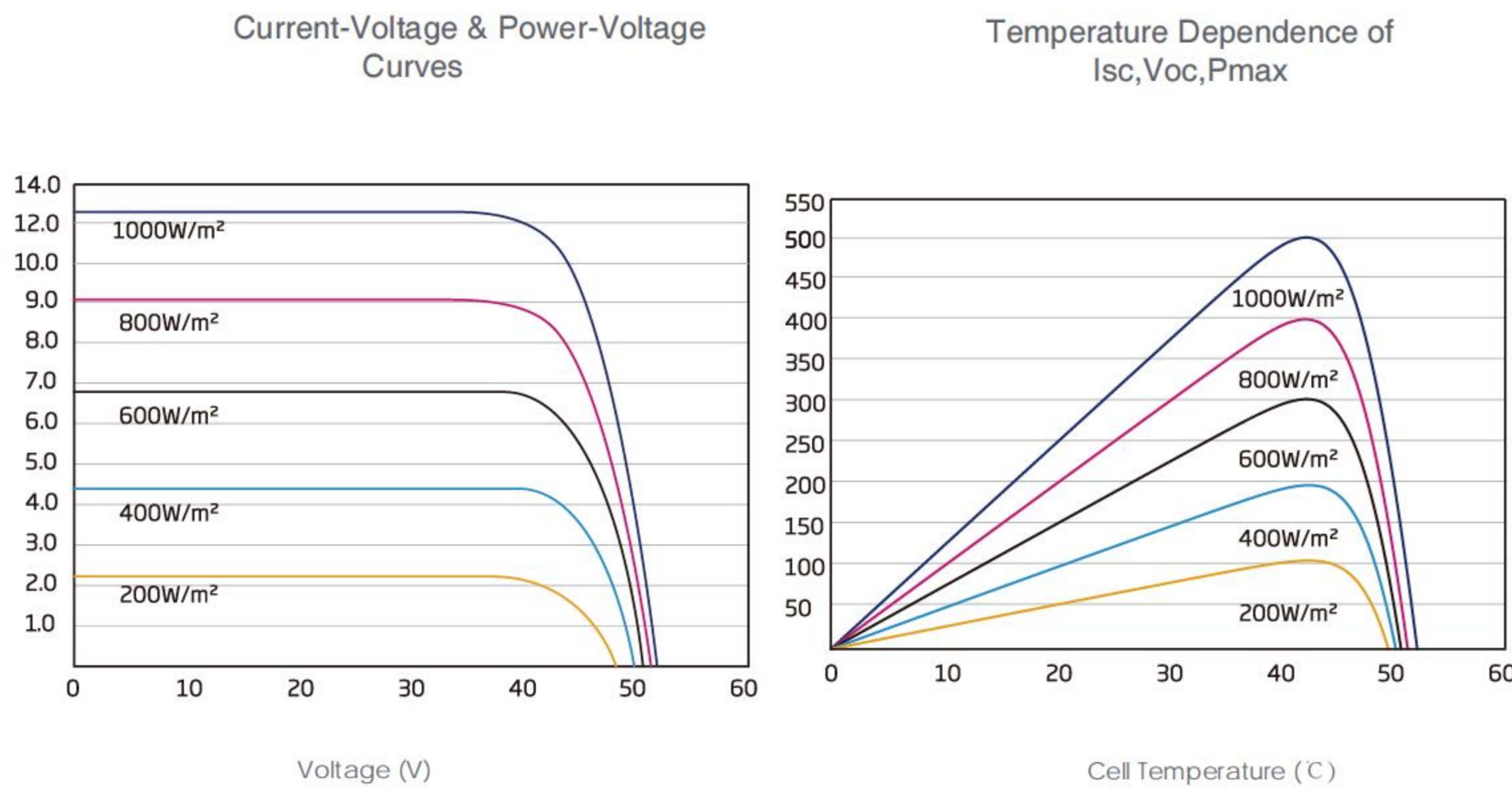
SPECIFICATIONS

Module Type	FY-150-485M		FY-150-490M		FY-150-495M		FY-150-500M		FY-150-505M		FY-150-510M	
	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC
Maximum Power (Pmax)	485Wp	365Wp	490Wp	369Wp	495Wp	373Wp	500Wp	377Wp	505Wp	381Wp	510Wp	385Wp
Maximum Power Voltage (Vmp)	42.20V	39.90V	42.40V	40.00V	42.60V	40.20V	42.80V	40.40V	43.00V	40.60V	43.20V	40.50V
Maximum Power Current (Imp)	11.49A	9.17A	11.56A	9.22A	11.63A	9.28A	11.69A	9.33A	11.75A	9.38A	11.87A	9.50A
Open-circuit Voltage (Voc)	51.10V	48.10V	51.30V	48.20V	51.50V	48.40V	51.70V	48.60V	51.90V	48.80V	52.10V	49.00V
Short-circuit Current (Isc)	12.07A	9.73A	12.14A	9.78A	12.21A	9.84A	12.28A	9.90A	12.35A	9.95A	12.42A	10.01A
MODULE EFFICIENCY (%)	20.10%		20.30%		20.50%		20.70%		21.00%		21.20%	
Operating Temperature(°C)	-40°C~+85°C											
Maximum system voltage	1000/150VDC(IEC)											
Maximum series fuse rating	20A											
Power tolerance	0~+5°C											
Temperature coefficients of Pmax	-0.34%/°C											
Temperature coefficients of Voc	-0.25%/°C											
Temperature coefficients of Isc	0.04%/°C											
Nominal operating cell temperature (NOCT)	43±2°C											

Engineering Drawings



Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	P type Mono-crystalline
NO.of cells	150cell
Dimensions	2187 x1102x35 mm
Weight	26.5Kg
Output Cables	TUV 1X4.0mm²
Junction Box	IP68Rated

Packaging Configuration

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



JIAXING FEIYA NEW ENERGY CO.LTD

www.fysolartech.com