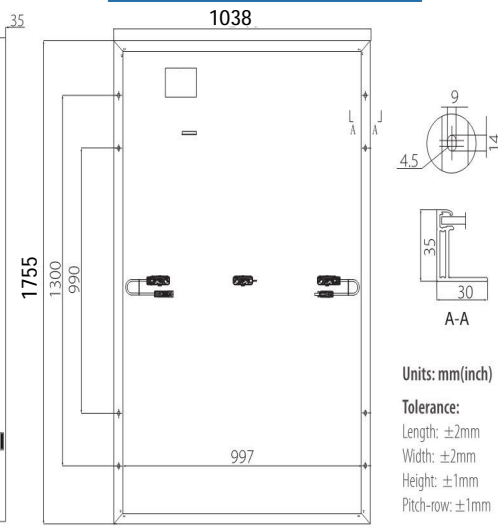
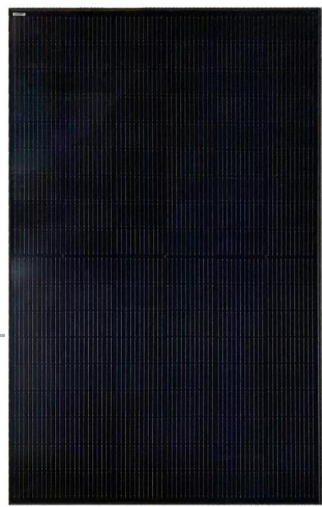


FS166*166-M-120-H

Rated Power 360-380W



Units: mm(inch)
Tolerance:
Length: ±2mm
Width: ±2mm
Height: ±1mm
Pitch-row: ±1mm

Product Series

FS166*166-M-120-(360-380W)

	STC/NOCT		STC/NOCT		STC/NOCT		STC/NOCT		STC/NOCT	
Power	360W	267W	365W	271W	370W	275W	375W	278W	380W	282W
Open Circuit Voltage	40.50V	37.9V	40.70V	38.0V	40.90V	38.2V	41.10V	38.4V	41.30V	38.6V
Short Circuit Current	11.35A	9.01A	11.43A	9.04A	11.52A	9.09A	11.93A	9.13A	12.02A	9.17A
Maximum Power Voltage	34.00V	31.6V	34.20V	31.9V	34.40V	32.1V	34.60V	32.3V	34.80V	32.6V
Maximum Power Current	10.59A	8.46A	10.68A	8.50A	10.76A	8.55A	10.84A	8.60A	10.92A	8.64A
Module Efficiency	19.37%		19.65%		19.91%		20.18%		20.45%	

Product Characteristics

Weight	19.50kg	Junction Box	IP68
Module Size	1755*1038*35mm	Frame	Aluminum Alloy
Cell Amount	60*2 pcs	Cable	4mm ² , Landscape: N 300mm/P 300mm, Portrait: N 150mm/P 300mm
Cell Size	166*83mm	Connection	MC4 compatible
Maximum System Voltage	1000/1500V	Application Level	Class A

Packing Configuration

Modules/Pallet	31 pieces	Modules/40' container	871 pieces
Packing Description	(31+31)+5/double stack pallet, 67x13=871pcs/40HQ		

Temperature Characteristics

NOCT	45±2°C	Maximum Rating	
Temp Coefficient of ISC	+0.05%/°C	Output Tolerance	0~+5W
Temp Coefficient of VOC	-0.28%/°C	Operating Temperature	-40°C~+85°C
Temp Coefficient of Pmax	-0.36%/°C	Wind Load/Snow Load	2400pa/5400pa
		Fuse Current	20A



•10-YEAR 90% Maximum Output

•25-YEAR 80% Maximum Output



•Salt Spray Certificate
•IEC61701
(Salt Mist Corrosion Test)



•TUV PID Certificate



•IEC61215, IEC61730

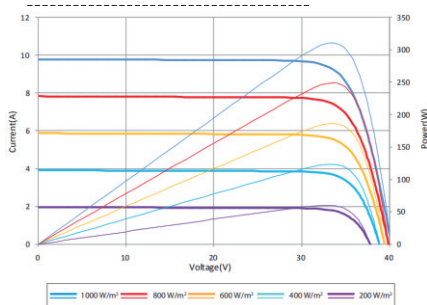


• Output 360 - 380W

STC: Irradiance 1000W/m², cell temperature 25°C, AM1.5G NOCT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s, AM1.5G

Current-Voltage Curve at Various Light Levels

FS166*166-M-120-H-365W



Output at Various Temperatures

FS166*166-M-120-H-365W

