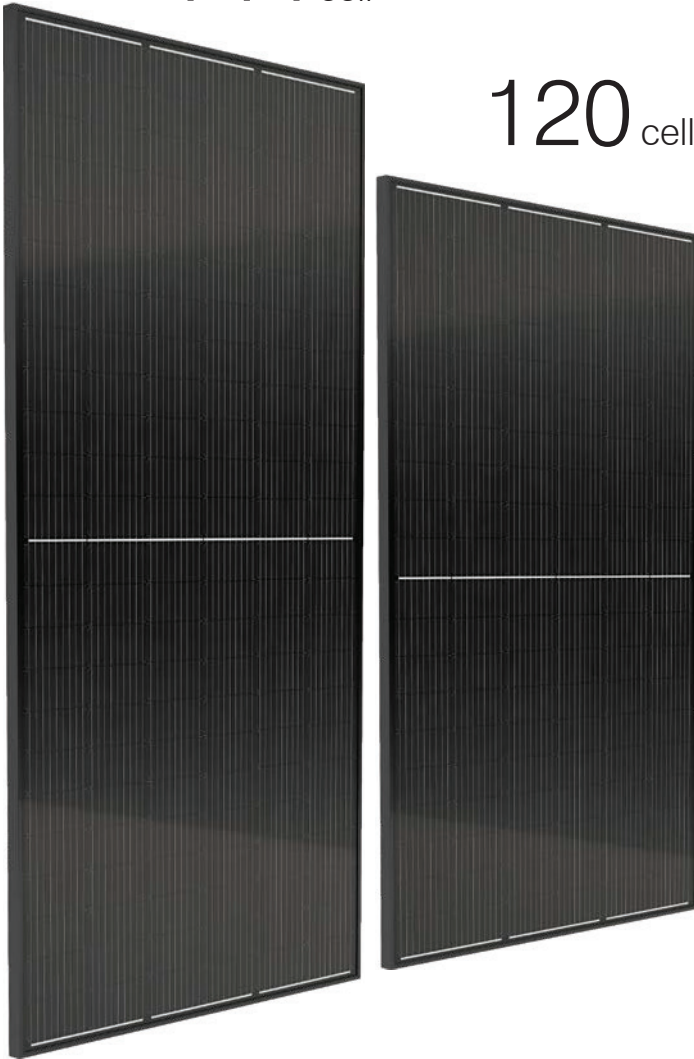


144_{cell}

120_{cell}



Half-Cut Multi-BB BLACK SERIES



black frame



High Conversion Efficiency

High panel efficiency to guarantee high power output.



Self-Cleaning and Anti-Reflection Glass

Coating glass for self-cleaning reduces surface dust.

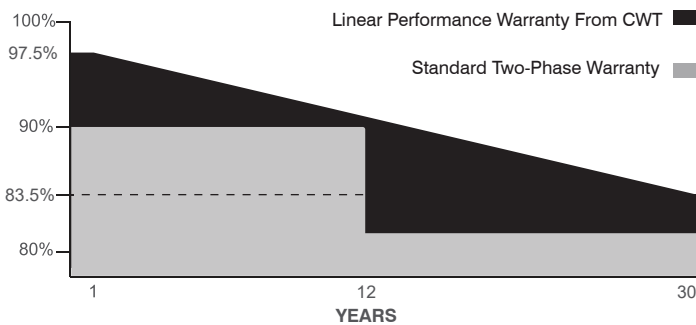


Outstanding Low Irradiation Glass

Outstanding panel performance even in weak light conditions.



Easy Installation



✓ 30 Years Performance Warranty

✓ 12 Years Product Warranty



120PM-HC

- Peak Power (Pmax)
- Module Efficiency
- Maximum Power Voltage (Vmp)
- Maximum Power Current (Imp)
- Open Circuit Voltage (Voc)
- Short Circuit Current (Isc)
- Power Tolerance
- Maximum System Voltage
- Operating Temperature
- Protection Class
- Maximum Series Fuse Rating

CWT360 120PM-HC	CWT365 120PM-HC	CWT370 120PM-HC	CWT375 120PM-HC	CWT380 120PM-HC	CWT385 120PM-HC
360 Wp	365 Wp	370 Wp	375 Wp	380 Wp	385 Wp
19.70	20.00	20.30	20.60	20.80	21.10
33.90	34.10	34.30	34.50	34.70	34.90
10.62	10.71	10.79	10.87	10.94	11.03
40.50	40.70	40.90	41.10	41.30	41.50
11.35	11.42	11.49	11.57	11.64	11.74
0~+5W					
1000V DC / 1500V DC					
-40 ~ +85°C					
Class II					
15A / 20A					

144PM-HC

- Peak Power (Pmax)
- Module Efficiency
- Maximum Power Voltage (Vmp)
- Maximum Power Current (Imp)
- Open Circuit Voltage (Voc)
- Short Circuit Current (Isc)
- Power Tolerance
- Maximum System Voltage
- Operating Temperature
- Protection Class
- Maximum Series Fuse Rating

CWT435 144PM-HC	CWT440 144PM-HC	CWT445 144PM-HC	CWT450 144PM-HC	CWT455 144PM-HC	CWT460 144PM-HC	CWT465 144PM-HC
435 Wp	440 Wp	445 Wp	450 Wp	455 Wp	460 Wp	465 Wp
20.00	20.20	20.40	20.70	20.90	21.13	21.36
40.80	41.00	41.20	41.40	41.60	41.80	42.00
10.67	10.74	10.81	10.87	10.94	11.00	11.07
48.60	48.80	49.00	49.20	49.40	49.60	49.80
11.40	11.47	11.54	11.61	11.67	11.74	11.80
0~+5W						
1000V DC / 1500V DC						
-40 ~ +85°C						
Class II						
15A / 20A						

TEMPERATURE CHARACTERISTICS

- Temp. Coeff. of (Isc)
- Temp. Coeff. of (Voc)
- Temp. Coeff. of (Pmax)

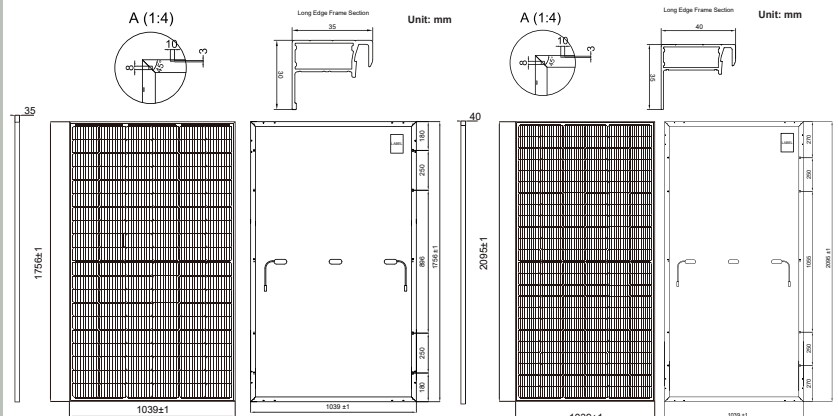
120PM-HC	144PM-HC
0.050%/°C	0.050%/°C
-0.304%/°C	-0.304%/°C
-0.360%/°C	-0.360%/°C

MECHANICAL SPECIFICATION

- Cell Dimensions (mm)
- Cells per Module (pcs)
- Weight (kg)
- Panel Dimensions (mm)
- Max. Wind/Snow Load (Pa)
- Junction Box
- Junction Box Cable Length (mm)

120PM-HC	144PM-HC
166x83	166x83
120 (20x6)	144 (24x6)
20.3	24.5
1756x1039x35	2095x1039x40
2400/5400	2400/5400
IP67 / IP68	IP67 / IP68
350-1200	350-1200

PHYSICAL CHARACTERISTICS



*Note: The specifications are obtained under the standard test conditions: 1000W/m² solar irradiance, 1.5 air mass and cell temperature of 25°C. Measurement uncertainty for all panels is 3%. The actual values will be subject to the contracts. These parameters are for reference only not a part of the contracts. The specifications are subject to change without prior notice.