CW Enerji®

CWT SOLAR PANEL

CW ENERJİ

PERC MONOCRYSTALLINE • 120PM-HC

Half Cut

High Conversion Efficiency
High panel efficiency to guarantee high power output

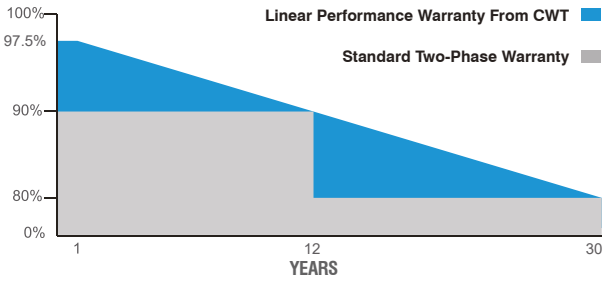
Self-Cleaning And Anti-Reflection Glass
Coating glass for self-cleaning reduces surface dust

Outstanding Low Irradiation Glass
Outstanding panel performance even in weak light conditions

Excellent Durability
Wind load up to 2400 Pa, Snow load up to 5400 Pa

0~+5Wp Positive Power Tolerance

Easy Installation



30 Years Performance Warranty
12 Years Product Warranty

CWT385-120PM-HC 385 Wp
CWT380-120PM-HC 380 Wp
CWT375-120PM-HC 375 Wp
CWT370-120PM-HC 370 Wp
CWT365-120PM-HC 365 Wp
CWT360-120PM-HC 360 Wp

30 YEARS PERFORMANCE WARRANTY

Allianz ISO PV CYCLE CE

IEC 61215, IEC 61730-1, IEC 61730-2
IEC 62804 PID (POTENTIAL INDUCED DEGRADATION)
IEC 61701 SALT MIST CORROSION
IEC 62716 AMMONIA CORROSION
ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

PERC MONOCRYSTALLINE • 120PM-HC Half-Cut

ELECTRICAL CHARACTERISTICS

Model Type	CWT360 120PM-HC	CWT365 120PM-HC	CWT370 120PM-HC	CWT375 120PM-HC	CWT380 120PM-HC	CWT385 120PM-HC
Peak Power (Pmax)	360 Wp	365 Wp	370 Wp	375 Wp	380 Wp	385 Wp
Module Efficiency	19.70	20.00	20.30	20.60	20.80	21.10
Maximum Power Voltage (V_{mp})	33.90	34.10	34.30	34.50	34.70	34.90
Maximum Power Current (I_{mp})	10.62	10.71	10.79	10.87	10.95	11.03
Open Circuit Voltage (V_{oc})	40.50	40.70	40.90	41.10	41.30	41.50
Short Circuit Current (I_{sc})	11.35	11.42	11.49	11.58	11.66	11.74
Power Tolerance	0~+5W					
Maximum System Voltage	1500V DC					
Operating Temperature	-40 ~ +85°C					
Fire Safety Class	C					
Maximum Series Fuse Rating	20A					

MECHANICAL SPECIFICATIONS

Cell Dimensions(mm)	166x83
Cells per Module(pcs)	120 (20x6)
Weight(kg)	20.3
Panel Dimensions(mm)	1756x1039x35
Max. Wind/Snow Load(Pa)	2400/5400
Junction Box	IP68
Junction Box Cable Length(mm)	350-1200

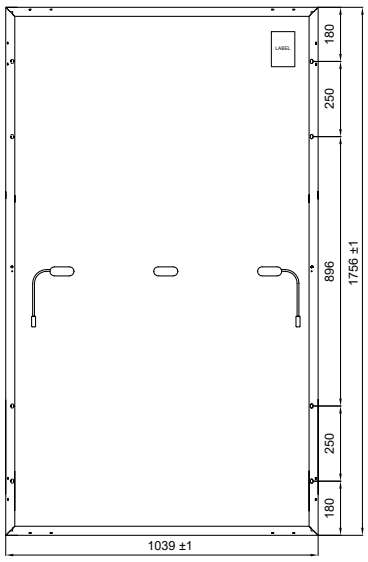
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of (I_{sc})	0.050%/°C
Temp. Coeff. of (V_{oc})	-0.304%/°C
Temp. Coeff. of (P_{max})	-0.360%/°C

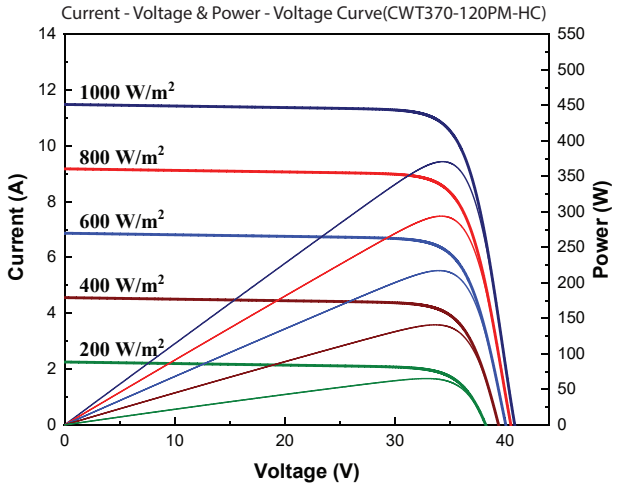
PACKING CONFIGURATION

Container	20' GP	40' GP
Pieces per Pallet	31	31
Pieces Per Container	372	806
Pallet Per Container	12	26

PHYSICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS



* 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 transactions will be subject to the contracts. These parameters are for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

* For roof, facades and installations on similar surfaces, solar panels should be mounted over a fire-resistant covering suitable for this application, with adequate ventilation between the back of the solar panels and the mounting surface. Improper installations are hazardous and may spark a fire. Solar panels must not be mounted on structures and roofs which are made of not fire-resistant materials such as plastic layer, transparent plastic, PVC or similar materials without any fire-protection layer. Usage and installation not in accordance with the guidelines as outlined in the installation manual will terminate the warranty. Please refer to the installation manual and the warranty documents for further details.

* CW Enerji reserves the right to change the specification of products without prior notice.