CW Enerji®

CWT SOLAR PANEL

CW ENERJİ

BIFACIAL PERC MONOCRYSTALLINE • 120PMB

Half Cut

High Conversion Efficiency
High panel efficiency to guarantee high power output

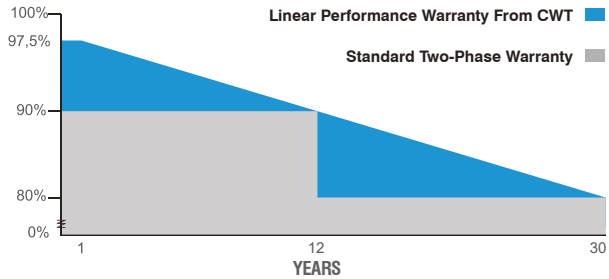
Self-Cleaning And Anti-Reflection Glass
Coating glass for self-cleaning reduces surface dust

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

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

30 YEARS PERFORMANCE WARRANTY

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

BIFACIAL PERC MONOCRYSTALLINE 120PMB Half Cut

ELECTRICAL CHARACTERISTICS

Model Type	CWT360 120PMB	CWT365 120PMB	CWT370 120PMB	CWT375 120PMB	CWT380 120PMB	CWT385 120PMB
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

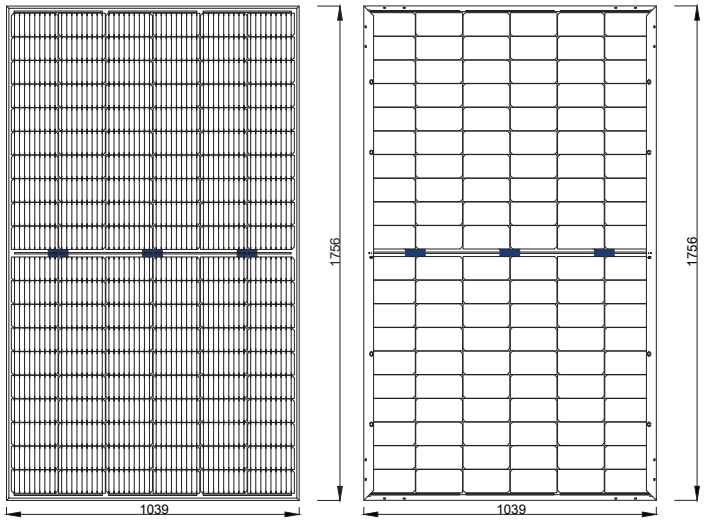
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of I_{sc}	0.05%/°C
Temp. Coeff. of V_{oc}	-0.29%/°C
Temp. Coeff. of P_{max}	-0.36%/°C

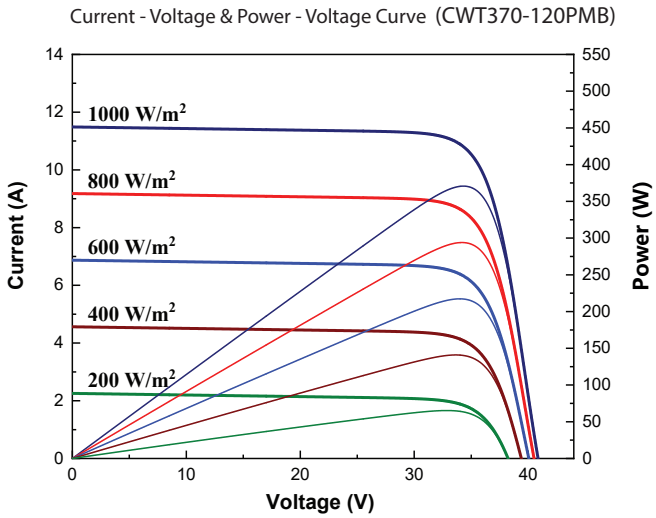
PACKING CONFIGURATION

Container	20' GP	40' GP
Pieces per Pallet	27	27
Pieces Per Container	270	594
Pallet Per Container	10	22

PHYSICAL CHARACTERISTICS



ELECTRICAL 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. The NOCT is obtained under the Test Conditions 800W/m² solar radiation, ambient temperature 20°C, wind speed 1m/s. 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. CW Enerji Mühendislik Ticaret ve Sanayi A.Ş. reserves the right to change these terms and conditions at any time without prior notice.