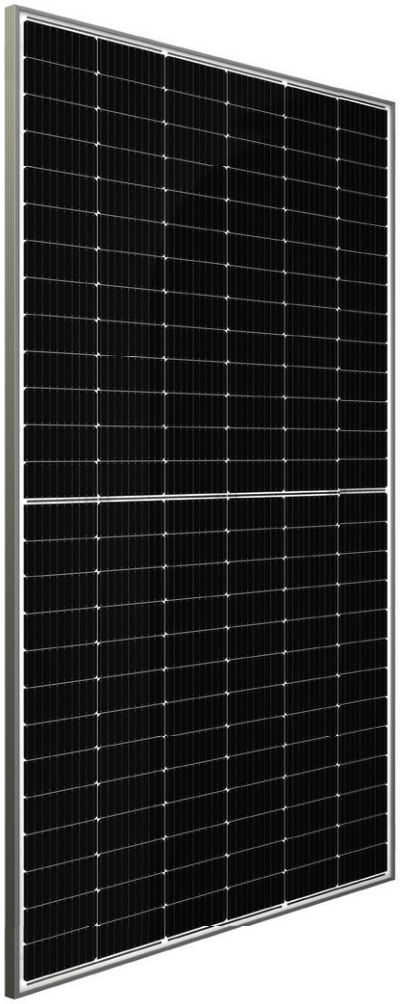
CW Enerji®

CWT SOLAR PANEL

CW ENERJİ

PERC MONOCRYSTALLINE • 156PM10

Half Cut



High Conversion Efficiency
High panel efficiency to guarantee high power output

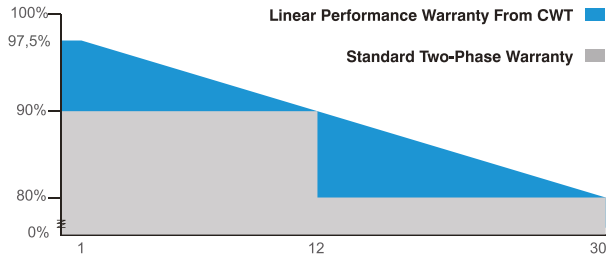
Self-Cleaning And Anti-Reflection Glass
Coating glass for self-cleaning reduces surface dust

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

CWT595-156PM10 595 Wp
CWT590-156PM10 590 Wp
CWT585-156PM10 585 Wp
CWT580-156PM10 580 Wp
CWT575-156PM10 575 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

PERC MONOCRYSTALLINE 156PM10 Half-Cut

ELECTRICAL CHARACTERISTICS

Model Type	CWT575 156PM10	CWT580 156PM10	CWT585 156PM10	CWT590 156PM10	CWT595 156PM10
Peak Power (Pmax)	575 Wp	580 Wp	585 Wp	590 Wp	595 Wp
Module Efficiency	20.78	20.96	21.14	21.32	21.50
Maximum Power Voltage (V_{mp})	45.00	45.20	45.40	45.60	45.80
Maximum Power Current (I_{mp})	12.78	12.84	12.89	12.94	12.99
Open Circuit Voltage (V_{oc})	53.50	53.70	53.90	54.10	54.30
Short Circuit Current (I_{sc})	13.61	13.67	13.73	13.78	13.84
Power Tolerance	0~+5W				
Maximum System Voltage	1500V DC				
Operating Temperature	-40 ~ +85°C				
Fire Safety Class	C				
Maximum Series Fuse Rating	25A				

MECHANICAL SPECIFICATIONS

Cell Dimensions(mm)	182x91
Cells per Module(pcs)	156 (26x6)
Weight(kg)	31.0
Panel Dimensions(mm)	2438x1135x35
Max. Wind/Snow Load(Pa)	2400/5400
Junction Box	IP68
Junction Box Cable Length(mm)	300-1200

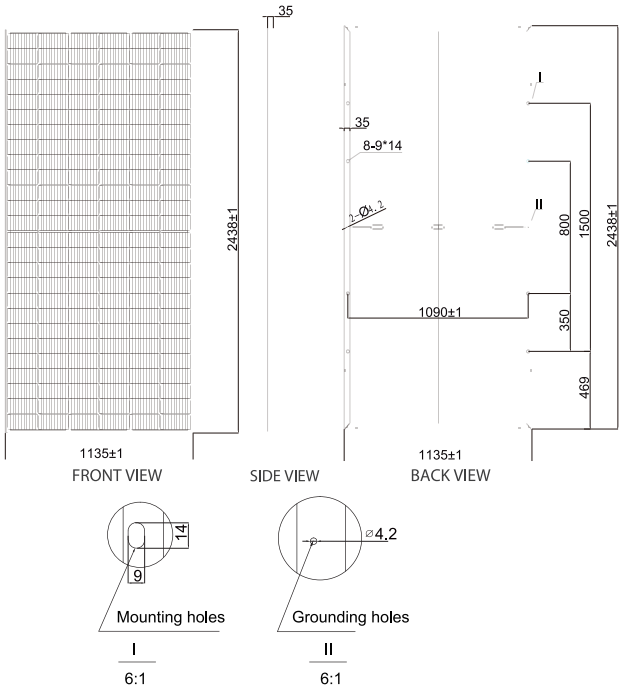
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of I_{sc}	0.050%/°C
Temp. Coeff. of V_{oc}	-0.270%/°C
Temp. Coeff. of P_{max}	-0.350%/°C

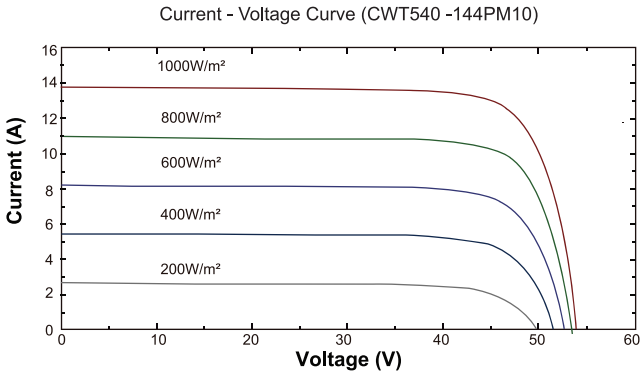
PACKING CONFIGURATION

Container	40' GP
Pieces per Pallet	30
Pieces Per Container	540
Pallet Per Container	18

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.