

PERC MONOCRYSTALLINE • 144PM10

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

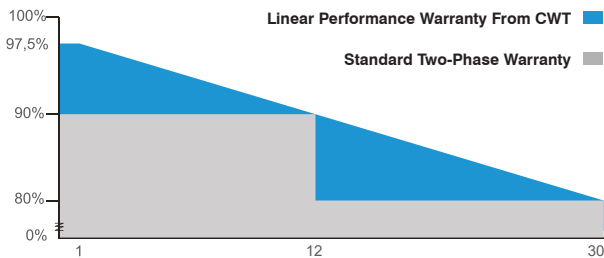
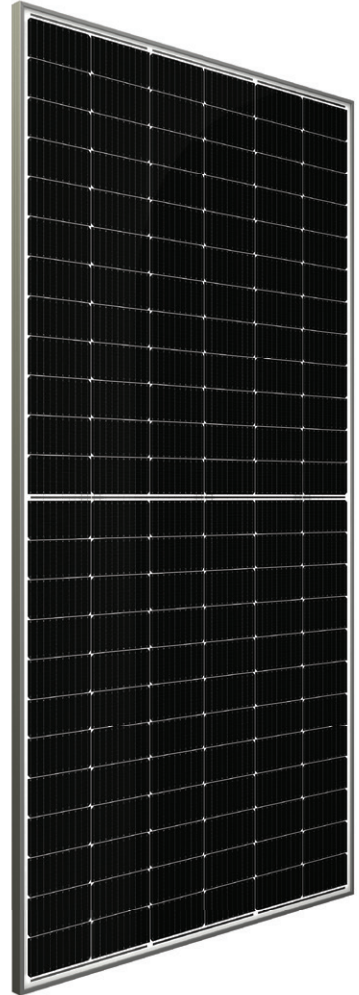
Wind load up to 2400 Pa, Snow load up to 5400 Pa



0~+5Wp Positive Power Tolerance



Easy Installation



✓ 30 Years Performance Warranty ✓ 12 Years Product Warranty

CWT550-144PM10 550 Wp

CWT545-144PM10 545 Wp

CWT540-144PM10 540 Wp

CWT535-144PM10 535 Wp

CWT530-144PM10 530 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

ELECTRICAL CHARACTERISTICS

| Model Type | CWT530 144PM10 | CWT535 144PM10 | CWT540 144PM10 | CWT545 144PM10 | CWT550 144PM10 |
|-----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Peak Power (Pmax) | 530 Wp | 535 Wp | 540 Wp | 545 Wp | 550 Wp |
| Module Efficiency | 20.50 | 20.70 | 20.89 | 21.09 | 21.28 |
| Maximum Power Voltage (Vmp) | 41.60 | 41.80 | 42.00 | 42.20 | 42.40 |
| Maximum Power Current (Imp) | 12.75 | 12.80 | 12.86 | 12.92 | 12.98 |
| Open Circuit Voltage (Voc) | 49.40 | 49.60 | 49.80 | 50.00 | 50.20 |
| Short Circuit Current (Isc) | 13.58 | 13.63 | 13.70 | 13.76 | 13.82 |
| 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) | 144 (24x6) |
| Weight(kg) | 29.0 |
| Panel Dimensions(mm) | 2279x1134x35 |
| Max. Wind/Snow Load(Pa) | 2400/5400 |
| Junction Box | IP68 |
| Junction Box Cable Length(mm) | 300-1200 |

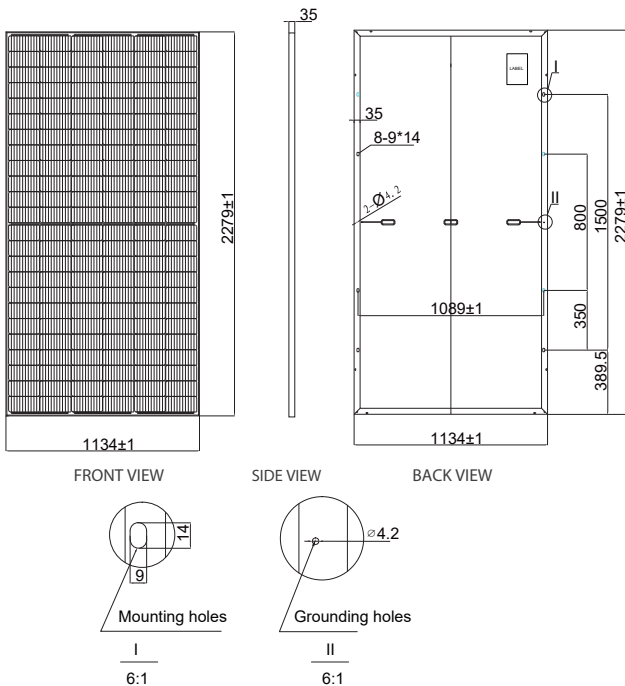
TEMPERATURE CHARACTERISTICS

| | |
|----------------------|------------|
| Temp. Coeff. of Isc | 0.050%/°C |
| Temp. Coeff. of Voc | -0.270%/°C |
| Temp. Coeff. of Pmax | -0.350%/°C |

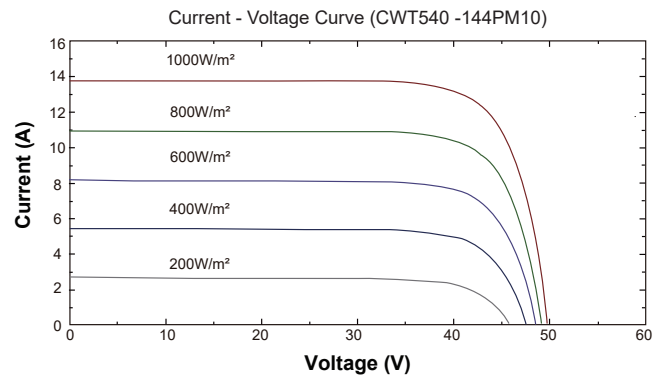
PACKING CONFIGURATION

| | |
|----------------------|--------|
| Container | 40' GP |
| Pieces per Pallet | 31 |
| Pieces Per Container | 620 |
| Pallet Per Container | 20 |

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.