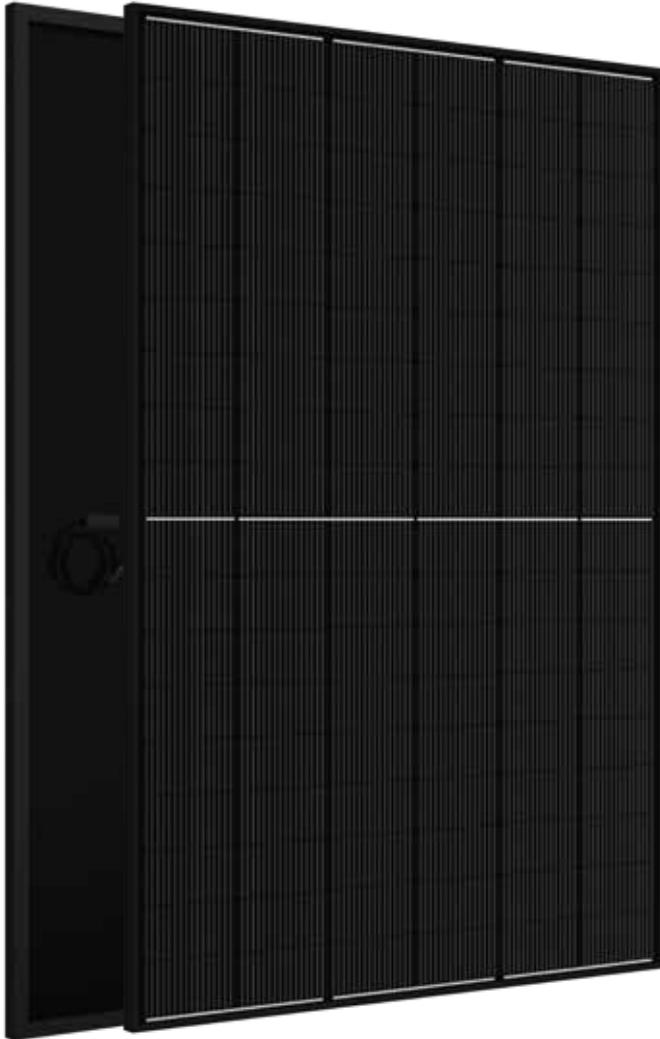
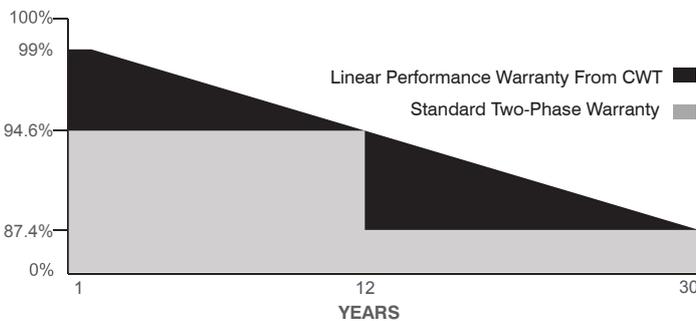
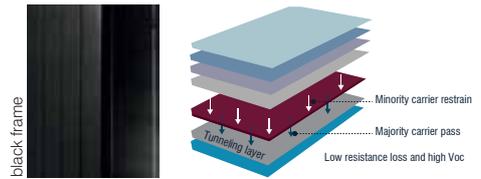


108_{cell}



Half-Cut Multi-BB BLACK SERIES



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~+5W

0~+5W Positive Power Tolerance



Easy Installation

✓ 30 Years Performance Warranty

✓ 12 Years Product Warranty



108TNFB10

- 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

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)

CWT420 108TNFB10	CWT425 108TNFB10	CWT430 108TNFB10	CWT435 108TNFB10	CWT440 108TNFB10	CWT445 108TNFB10	CWT450 108TNFB10
420 Wp	425 Wp	430 Wp	435 Wp	440 Wp	445 Wp	450 Wp
21.51	21.76	22.02	22.28	22.53	22.79	23.04
31.94	32.14	32.34	32.54	32.74	32.94	33.14
13.15	13.23	13.30	13.37	13.44	13.51	13.58
38.11	38.31	38.51	38.71	38.91	39.11	39.31
13.95	14.03	14.10	14.17	14.24	14.31	14.38
			0~+5W			
			1500V DC			
			-40 ~ +85°C			
			Class II			
			25A			
			182,2x91,8			
			108 (6x18)			
			21.45			
			1722x1134x30			
			2400/5400			
			IP68			
			350-1600			

TEMPERATURE CHARACTERISTICS

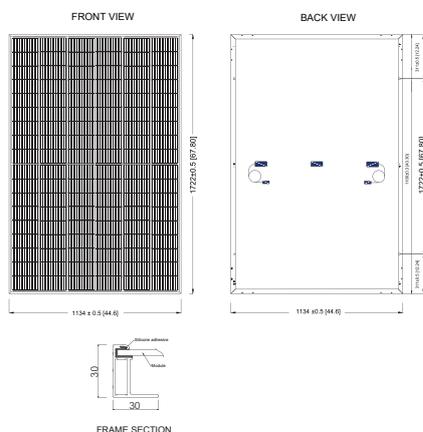
Temp. Coeff. of (Isc)	0.040%/°C
Temp. Coeff. of (Voc)	-0.260%/°C
Temp. Coeff. of (Pmax)	-0.30%/°C

PACKING CONFIGURATION

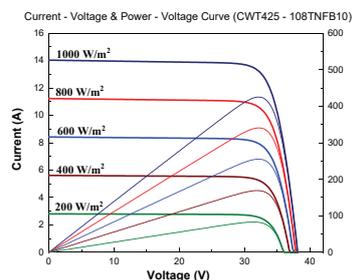
Container 40' HC

Pieces per Pallet	35
Pieces per Container	910
Pallets per Container	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 technical specifications in this document may vary. For more information, refer to the "Installation Manual".

* 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.

* Please note that the color of PERC monocrystalline cells might vary slightly due to their natural structure. Consequently, there might be a color difference between the cells and between the cells and the backsheet.

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