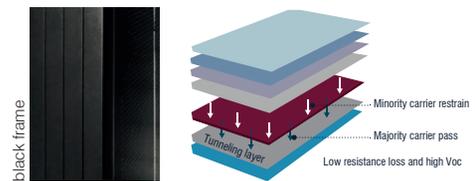


144<sub>cell</sub>



## 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.

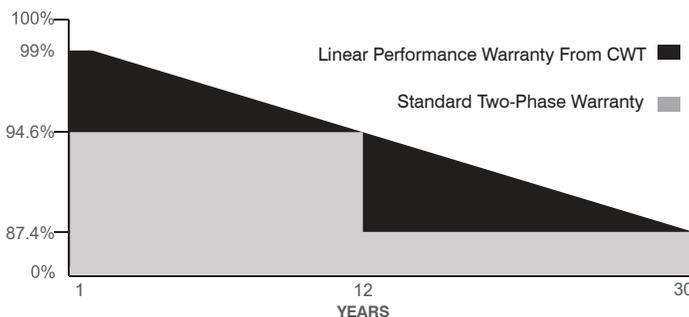


### Outstanding Low Irradiation Glass

Outstanding panel performance even in weak light conditions.



### Easy Installation



30 Years Performance Warranty



12 Years Product Warranty

wherever the sun is shining...



IEC 61216, IEC 61730-1, IEC 61730-2  
IEC 62304 PID (POTENTIAL INDUCED DEGRADATION)  
ISO 9001:2016, ISO 14001:2016, ISO 45001:2018

**30**  
YEARS  
PERFORMANCE  
WARRANTY

[cw-enerji.com](http://cw-enerji.com)

## 144TNFB10

<b>Peak Power (Pmax)</b>
<b>Module Efficiency</b>
<b>Maximum Power Voltage (Vmp)</b>
<b>Maximum Power Current (Imp)</b>
<b>Open Circuit Voltage (Voc)</b>
<b>Short Circuit Current (Isc)</b>
<b>Power Tolerance</b>
<b>Maximum System Voltage</b>
<b>Operating Temperature</b>
<b>Protection Class</b>
<b>Maximum Series Fuse Rating</b>
<b>MECHANICAL SPECIFICATION</b>
<b>Cell Dimensions (mm)</b>
<b>Cells per Module (pcs)</b>
<b>Weight (kg)</b>
<b>Panel Dimensions (mm)</b>
<b>Max. Wind/Snow Load (Pa)</b>
<b>Junction Box</b>
<b>Junction Box Cable Length (mm)</b>

CWT585 144TNFB10	CWT590 144TNFB10	CWT595 144TNFB10	CWT600 144TNFB10	CWT605 144TNFB10
585 Wp	590 Wp	595 Wp	600 Wp	605 Wp
22.65	22.84	23.03	23.23	23.42
43.15	43.35	43.55	43.75	43.95
13.56	13.62	13.67	13.72	13.77
51.18	51.38	51.58	51.78	51.98
14.38	14.45	14.53	14.60	14.68
		0~+5W		
		1500V DC		
		-40 ~ +85°C		
		Class II		
		25A		
		182x91		
		144(6X24)		
		29.0		
		2278x1134x35		
		2400/5400		
		IP68		
		300-1600		

### TEMPERATURE CHARACTERISTICS

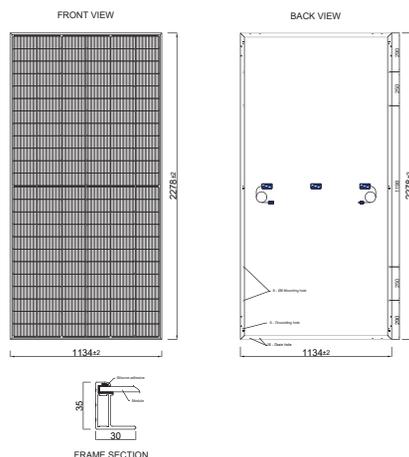
<b>Temp. Coeff. of (Isc)</b>	0.040%/°C
<b>Temp. Coeff. of (Voc)</b>	-0.260%/°C
<b>Temp. Coeff. of (Pmax)</b>	-0.30%/°C

### PACKING CONFIGURATION

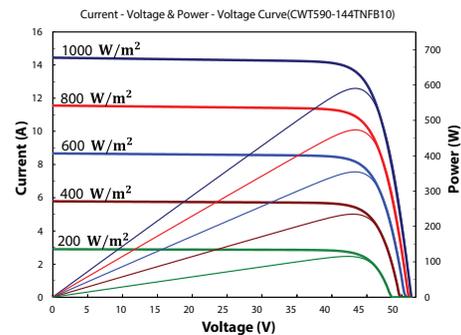
Container 40' GP

<b>Pieces per Pallet</b>	31
<b>Pieces per Container</b>	620
<b>Pallets per Container</b>	20

### PHYSICAL CHARACTERISTICS



### ELECTRICAL CHARACTERISTICS



\* The specifications are obtained under the standard test conditions: 1000W/m<sup>2</sup> 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.

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