

Half Cut



High Conversion Efficiency

Ensures High Power Output Thanks to High Panel Efficiency



Self-Cleaning and Anti-Reflect

Special Coating on the Glass Surface Reduces Dust Accumulation



High Efficiency in Low Irradiance

High Panel Efficiency Even in Morning and Cloudy Weather Conditions



Excellent Durability Capacity

Resistance to 2400 Pa Wind Load and 5400 Pa Snow Load



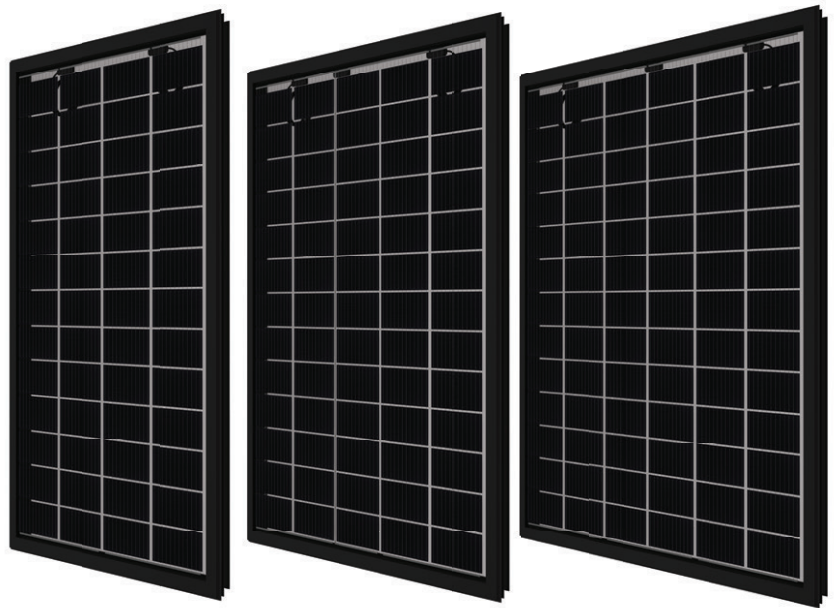
0 to +5W Positive Power Tolerance



Easy Installation



Double Glass with Dual-Layer EVA Lamination



- CWT260-BIPV12
- CWT325-BIPV12
- CWT390-BIPV12

CW Enerji BIPV Solar Panels are designed for use in on-grid and off-grid solar energy systems, particularly for facade applications. The next-generation solar modules, with their updated cell shapes and sizes, ensure maximum energy production per unit area. With PERC technology, the electron capture capability of the cells is optimized, thereby increasing the efficiency of both the cells and the modules. In BIPV solar panels, the cell and string connection structure can be modified according to the indoor lighting requirements of the application area, allowing for greater flexibility in module design. Thanks to the special glass technology used on both sides of the module, BIPV panels offer long-lasting durability and ensure full safety in terms of insulation.



SOMPO



ISO 9001:2015, ISO 14001:2015, ISO 45001:2018



ELECTRICAL SPECIFICATIONS

Model Type	CWT260 BIPV12	CWT325 BIPV12	CWT390 BIPV12
Maximum Power (Pmax)	260Wp	325 Wp	390 Wp
Maximum Power Voltage (Vinp)	30.35	37.94	45.53
Maximum Power Current (Imp)	8.57	8.57	8.57
Open Circuit Voltage (Voc)	35.80	44.75	53.70
Short Circuit Current (Isc)	9.06	9.06	9.06
Power Tolerance	0~+5W		
Max. System Nominal Voltage	1000V DC / 1500V DC		
Operating Temperature Range	-40 ~ +85°C		
Security Class	Class II		
Max. Series Insulation Current	15A / 20A		

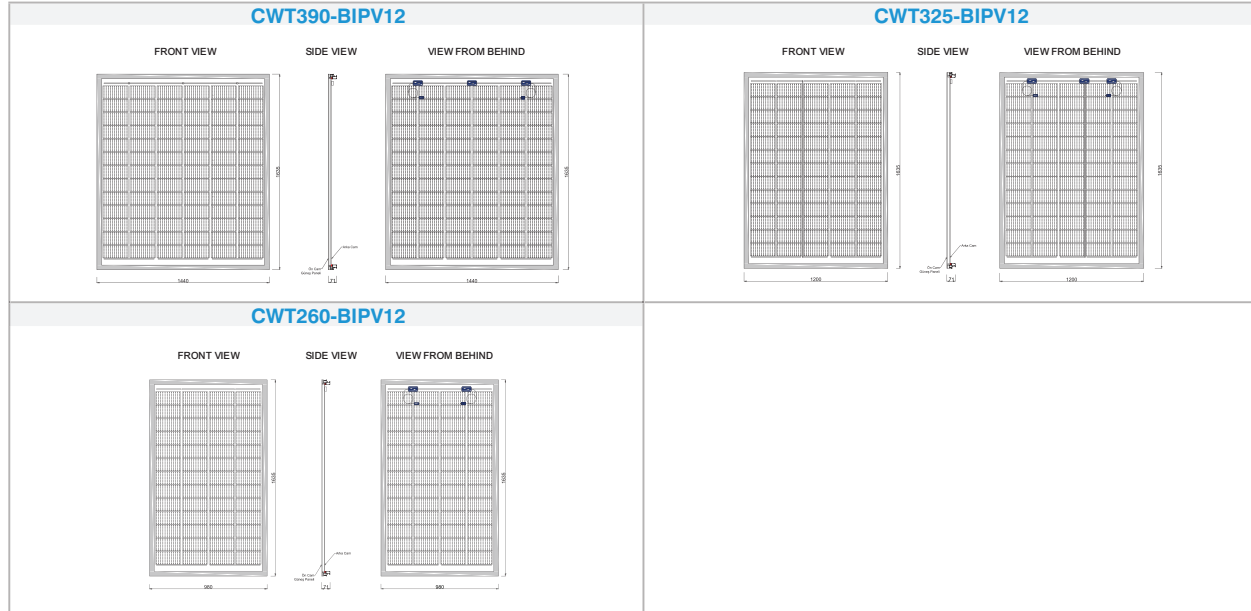
MECHANICAL SPECIFICATIONS

Hücre Boyutu(mm)	105 x 210		
Hücre Sayısı(adet)	52 (4x13)	65 (5x13)	78 (6x13)
Ağırlık(kg)	57.0 (260BIPV)	68.70 (325BIPV)	81.65 (390BIPV)
Panel Boyutu(mm) (260BPIV)	980x1635x71		
Panel Boyutu(mm) (325BPIV)	1200x1635x71		
Panel Boyutu(mm) (390BPIV)	1635x1440x71		
Maks. Rüzgar/Kar Yüğü Dayanımı (Pa)	2400/5400		
Bağlantı Kutusu Koruma Sınıfı	IP67 / IP68		

TEMPERATURE COEFFICIENT

Temperature Coefficient (Isc)	0.05%/°C
Temperature Coefficient (Voc)	-0.28%/°C
Temperature Coefficient (Pmax)	-0.35%/°C

PHYSICAL SPECIFICATIONS



* The data above has been obtained under standard test conditions (STC): 1000 W/m² solar irradiance, 1.5 (AM) air mass, and 25°C cell temperature. Measurement uncertainty for all panels is 266. Actual data will be subject to contractual agreements. The technical values provided in this document are for informational purposes only and are not part of any contract. These specifications may vary. For detailed information, please refer to the "Installation Manual."

* Solar panels must be installed on fire-resistant surfaces suitable for such applications (e.g., roofs, facades, etc.) with adequate ventilation space between the backsheet of the modules and the mounting surface. Improper installations may pose a fire hazard and could lead to fire incidents. Solar panels must not be installed on transparent plastic, PVC, or similar materials that are not fire-resistant or protective against fire risks. Installations and usage that do not comply with the conditions stated in the Installation Manual and Warranty Certificate will void the product warranty. For details, please review the Installation Manual and Warranty Documents.

* CW Enerji reserves the right to change the product specifications without prior notice.