

SOLAR INTEGRATED AIRPLANE WING

| CWD-KNT-SLR-85WP

In the CW DEFENCE solar wing product, which aims to use solar energy in the most efficient way, IBC cells are integrated into the airplane wing with a special design and it is aimed to meet the needs of avionic systems such as communication, navigation, monitoring, flight control systems, anti-collision systems, black box and meteorology.



Prism Surface

Maximum light absorption through prism surface



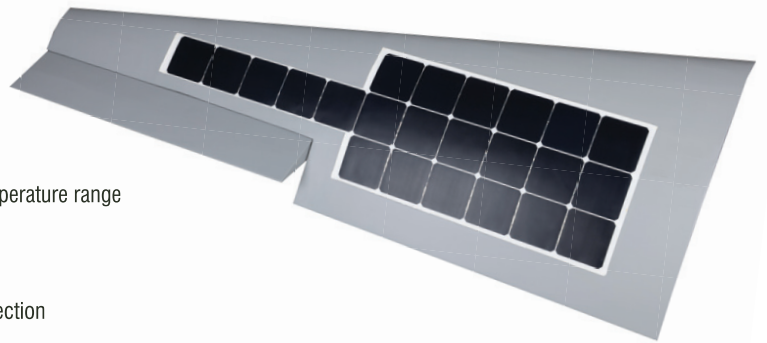
Excellent Light Transmit with ETFE

Higher light transmittance, corrosion resistance, operating temperature range



IBC Cell Technology

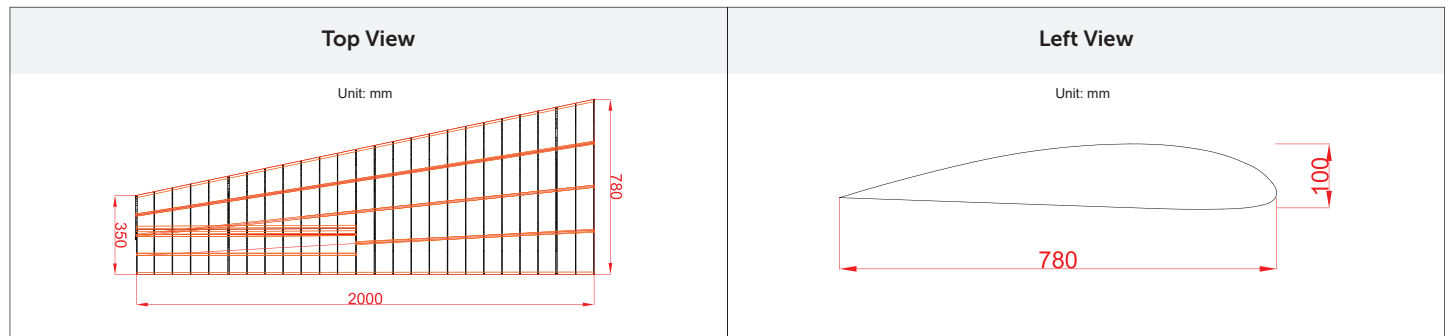
Flexible, durable and high efficient cell with back contact connection



TECHNICAL SPECIFICATIONS

SOLAR WING (85W)	CWD-KNT-SLR-85WP
Maximum Power Voltage (Vmp)[V]	14.55
Maximum Power Current (Imp)[A]	5.84
Open Circuit Voltage (Voc)[V]	16.89
Short Circuit Current (Isc)[A]	6.15
Panel Dimensions [mm]	375x1375

PHYSICAL 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".

* CW DEFENCE reserves the right to change the specifications of the products without prior notice.

* CW DEFENCE products are project-based products and can realize special projects upon your requests.