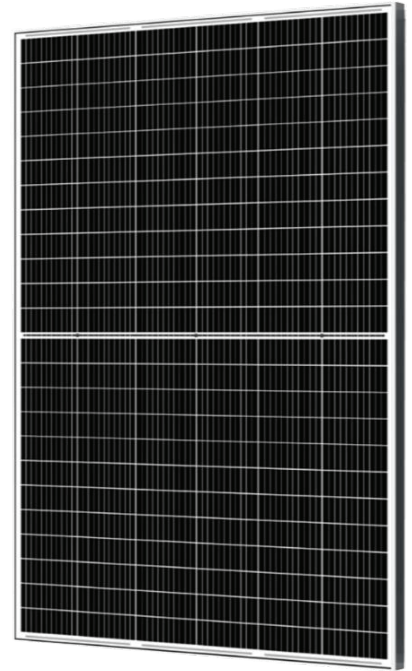


TOPCon PV Module Bifacial Glass-Glass Configuration

INDOSOL SOLAR is one of India's leading, fully automated solar module manufacturer, with core competency in high-efficiency PV module manufacturing. INDOSOL SOLAR modules are best-in-class in terms of power output and long-term reliability.

Key Features

 Higher Efficiency	 Lower Temperature Coefficient
 Lower Degradation	 Less Hot Spot Shading Effects
 Outstanding Power Generation	 Enhanced Bifacial Factor
 PID Free/ Low LID Protection	 Exceptional Mechanical Resistance



22.84%

Maximum Efficiency

590Wp

Maximum Power Output

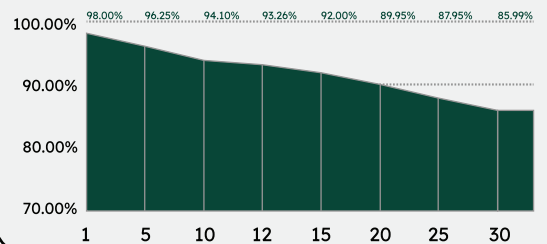
12 Years

Product Warranty

30 Years

Performance Warranty

Performance Warranty



MADE IN INDIA



Industrial



Residential



Utility



**144 cut cell
16 BB**

Certifications



ALMM
Approved List of Models and Manufacturers



IEC 62726 | IEC TS 62804-1:2015 (PID) | CE
IEC 61701 (Salt Mist) | ISO 9001:2015

TOPCon Bifacial Glass to Glass Module

Specifications (STC)

Maximum Power – Pmax [Wp]	590	585	580	575	570
Maximum Power Voltage – Vmp [V]	44.15	44.11	44.07	44.03	43.99
Maximum Power Current – Imp [A]	13.37	13.27	13.17	13.06	12.96
Open-circuit Voltage – Voc [V]	51.42	51.38	51.34	51.30	51.26
Short-circuit Current – Isc [A]	14.04	13.93	13.83	13.71	13.61
Module Efficiency STC [%]	22.84	22.65	22.46	22.25	22.06
Power Tolerance	0 to +5 W				
Temperature Coefficients of Pmax	-0.34 %/°C				
Temperature Coefficients of Voc	-0.26 %/°C				
Temperature Coefficients of Isc	+0.05 %/°C				

STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5

Mechanical Characteristics

Cell Type	TOPCon 182.2*183.75 mm
No. of cells	144 (6 x 24)
Dimensions	2278 x 1134 x 30*32 & 30*15mm
Weight	29 Kg
Front & Rear Glass	2 mm, low iron glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 rated (3 bypass diodes)
Safety Class	Class II
IEC Fire Type	Class A
Connector Type	MC4
Output Cables	4mm ²
Encapsulate	PID Free & UV Resistant

Packaging Specification

Pallet Dimensions	2304 × 1121 × 1006 mm
Packing detail (Two pallets=One stack)	31 pcs/pallets, 62 pcs/stack, 620 pcs/ 40'HQ Container, (20 pallets × 31 pcs)

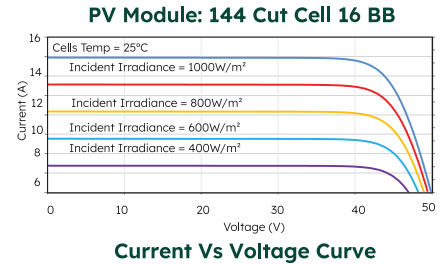
Application Conditions

Operating Temperature	-40 °C to +85°C
Maximum System Voltage	1500 VDC
Maximum Series Fuse Rating	25 A

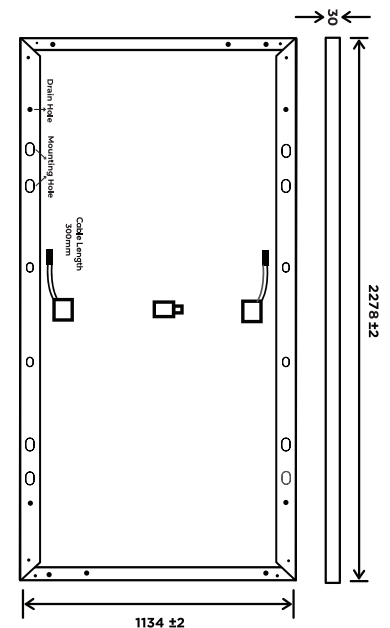
NOTE: Please read safety and installation instructions before using the product.

Disclaimer : Specifications are subject to change without prior notice owing to continuous innovation in the Product Development. INDOSOL SOLAR reserves the right to make any adjustment to the information described here. T&C Apply

Electrical Performance



Design Specifications



For more details
please scan

