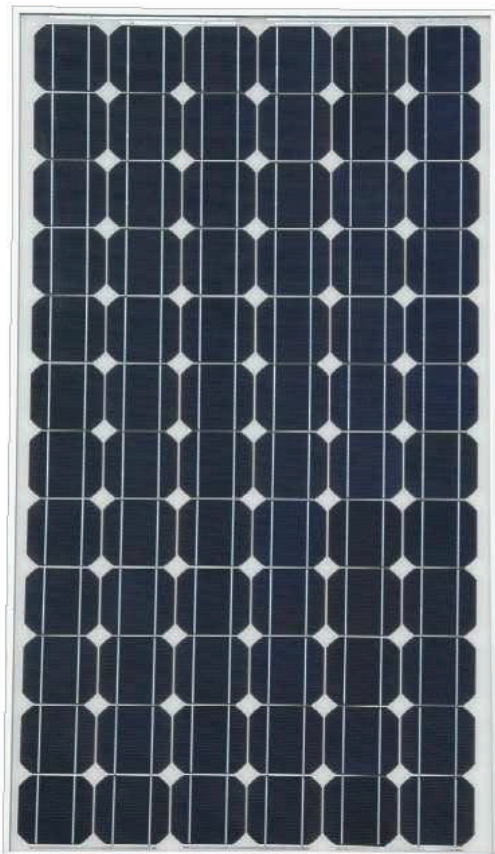


# ES4-150WM12V

EdgeTech  
**SOLAR**  
INTERNATIONAL Ltd.



## Features

White tempered glass, EVA resin, weather proof film and anodized aluminum frame provide efficient protection from the severest environmental conditions.

3 By-pass Diodes

Perfect for Off-Grid applications.

Product guarantee 5 years.

EdgeTech Solar photovoltaic modules are produced in a ISO9001 qualified factory using the highest quality materials and excellent quality control. Each module must undergo an extensive series of performance tests putting the module under extreme electrical and mechanical conditions to assure each module meets or exceeds specifications for many years of reliable performance even in the most challenging of environments.

## QUALITY COMPONENTS

## HIGH PERFORMANCE

## RELIABLE

## DURABLE

## 25 YEAR WARRANTY

On the Edge of Today's  
Energy Technology



# ES4-150WM12V

## ELECTRICAL CHARACTERISTICS

Type of Module	Mono crystalline
Maximum Power Rating (Pmax)	150 Watts
Maximum Power Tolerance ±	3 %
Open-Circuit Voltage (Voc)	23.00 Volts
Short-Circuit Current (Isc)	9.30 Amps
Maximum Power Voltage (Vmp)	18.00 Volts
Maximum Power Current (Imp)	8.33 Amps
Cell Size	125x125 mm
Relative Humidity	0 to 100 %
Maximum System Voltage	1000 Volts DC
Temperature Range	-40 to 85 °C
Nominal Voltage	12 Volts

## MECHANICAL CHARACTERISTICS

Dimensions	1580x808x35 mm
Weight	15.30 kg
Surface Maximum Load Capacity	60m/s wind
Allowable Hailstone Load	227g Steel ball 1m
Packing	4 pcs/1 carton
Loading Capacity Container	380 pcs/20ft

## WARRANTY

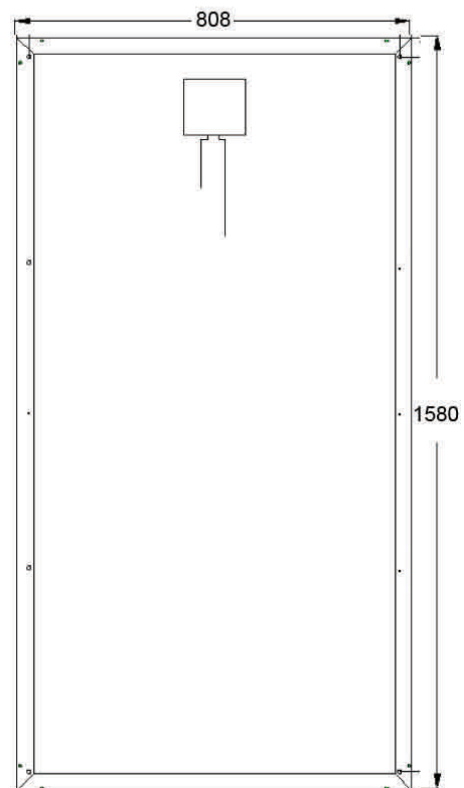
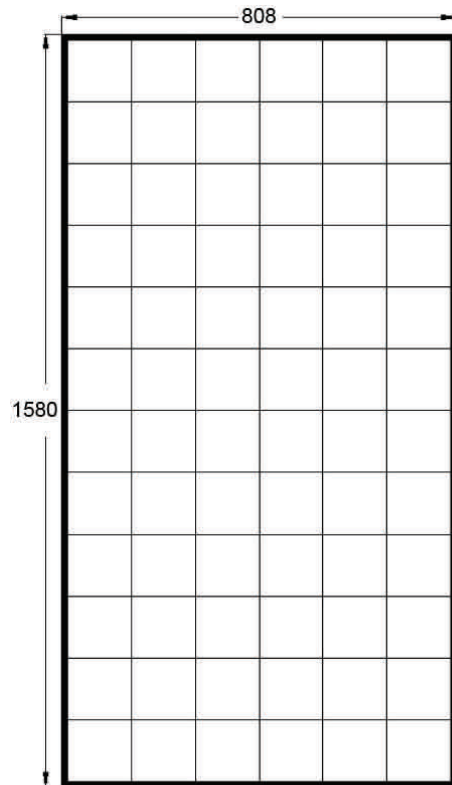
Workmanship & Product Warranty	5 years
Power Output Warranty 12 years	90% Power
Power Output Warranty 25 years	80% Power

## CERTIFICATIONS

ISO TUV CE



## DIMENSIONS



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