

## The Triangle Solar Module

**21 CELL**

MONOCRYSTALLINE MODULE

**125 W**

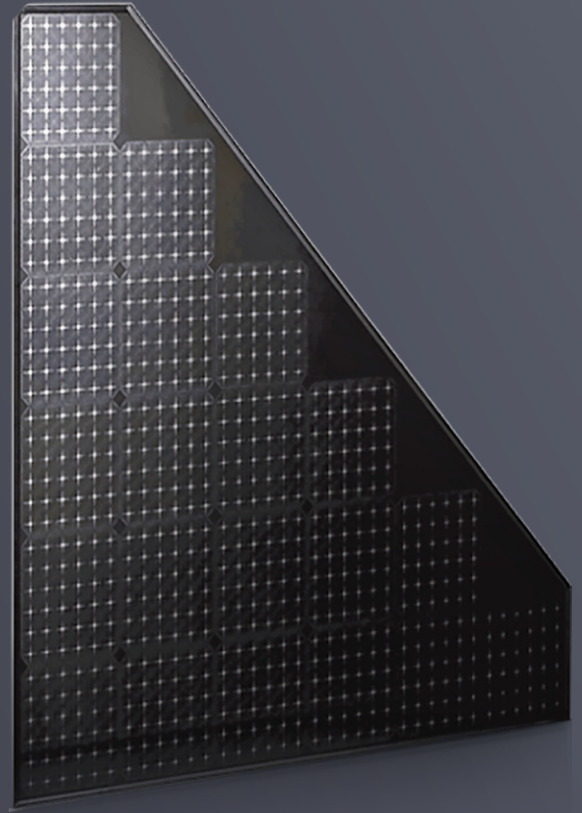
Peak Power (Pmax)

**21.28%**

Module Efficiency

**± 3 %**

Power Tolerance



DESIGNED IN USA  
MADE IN ARMENIA

## 25 YEAR WARRANTY

### Main Characteristics



Mismatch loss reduction for maximum efficiency



Reduced power loss by minimizing the effect of shadow shading



Competitive low light performance



Two EL tests to ensure the best quality

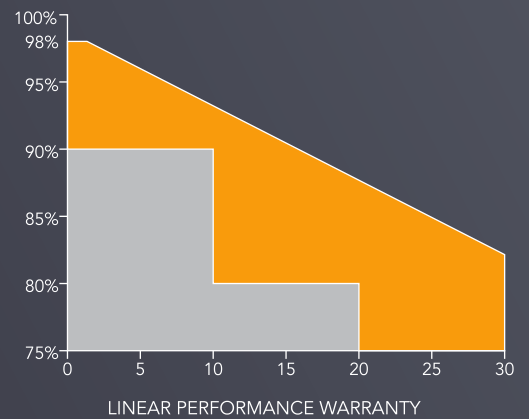


BOS's reduced and increased ROI is ideal for commercial and industrial scale projects



Proven reliability through PVEL's rigorous weatherproofing tests:

- Dust, acid and alkali resistance, hail test
- 2400pa wind pressure and 5400pa snow pressure
- Anti PID



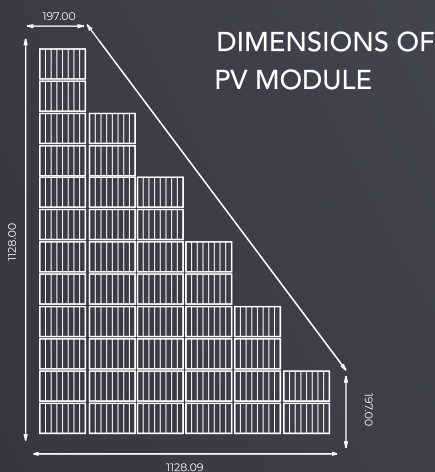
### QUALIFICATIONS AND CERTIFICATES

UL/IEC61215, UL/IEC61730  
ANTI-PID IEC TS 62804-1:2015  
ISO9001, ISO14001, ISO45001



# Electrical Characteristics

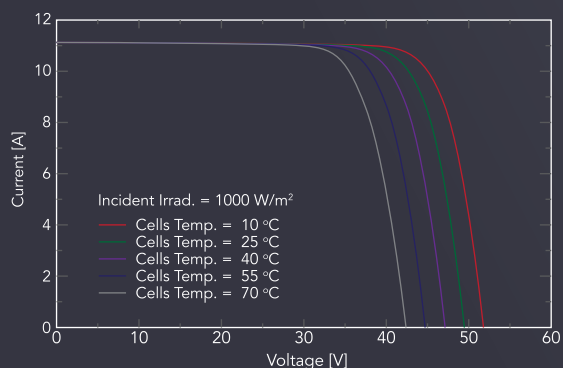
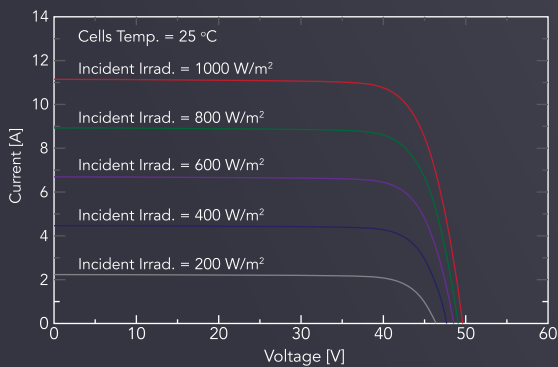
Model Type	Triangle Solar Panel
Peak Power (Pmax)	125W
Module Efficiency	21.28%
Maximum Power Voltage (Vmp)	21.8V
Maximum Power Current (Imp)	5.68A
Open Circuit (Voc)	25V
Short Circuit Current (Isc)	6A
Power Tolerance	± 3 %
Maximum System Voltage Nominal	1500V DC
Operating Cell Temperature	44.4 ± 2°C



## Temperature Characteristics

Temperature Coefficient (Pmax)	-0.485% / °C
Temperature Coefficient (Voc)	-0.36% / °C
Temperature Coefficient (LSC)	0.053% / °C
Nominal Operating Cell Temperature (NOCT)	47.5 °C

## I-V Curve



## Mechanical Parameters

Cell Type	Polycrystalline silicon
Weight	23.14 lbs (10.5kg)
Dimension	45.86x38.98x1.81 in
Max Load	2400 Pascals
Junction Box	Ip68
Connector	Mc4
Wire Type	compatible PV wire
Fire Performance	Type 1
Protection Class	Class II (Classified as per IEC 61140)

## Packing Method

Container	40'HQ
Quantity Per Pallet	30
Number of Pallets Per Container	44
Quantity Per Container	1320