



## TD-(600-620)TR-132HC

MODULE SIZE

**2382\*1134\*35mm**

POWER OUTPUT RANGE

**600W - 620W**

POSITIVE POWER TOLERANCE

**0 - + 3%**

N-TOPCON MONOCRYSTALLINE MODULE

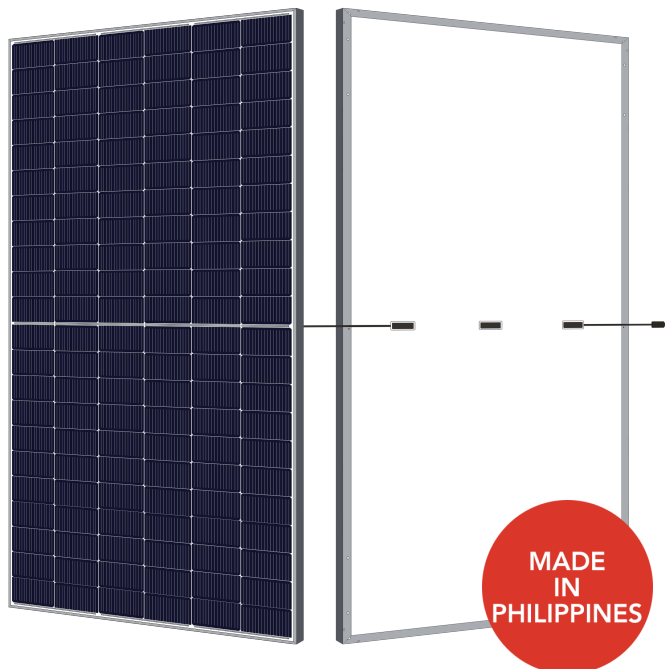
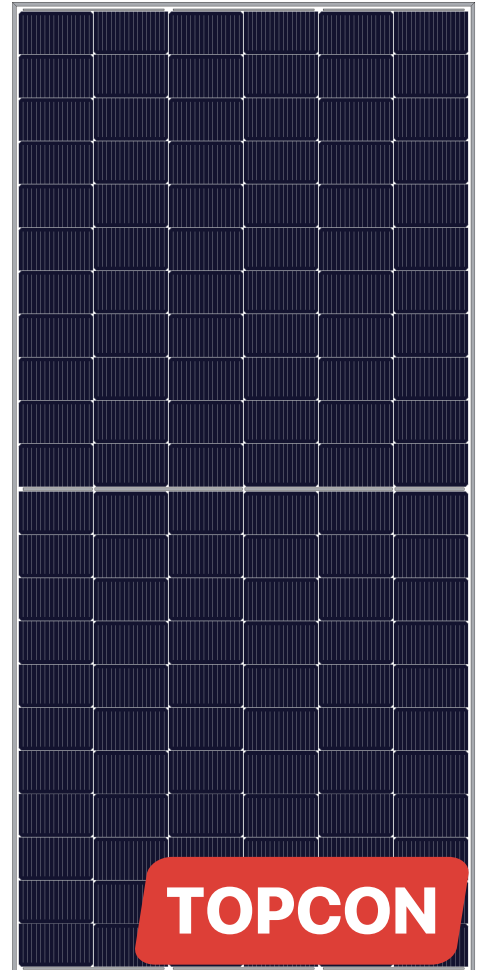
**132 CELL**

MAXIMUM EFFICIENCY

**22.95%**

LINEAR PERFORMANCE WARRANTY

**15 Year Product Warranty  
30 Year Linear Power Warranty**



Competitive Low Light Performance



Reduced Power Loss by Minimising the Effect of Shadow Shading



High Density Encapsulation



Multi-Busbar Technology



2400pa Wind Load  
5400pa Snow Load

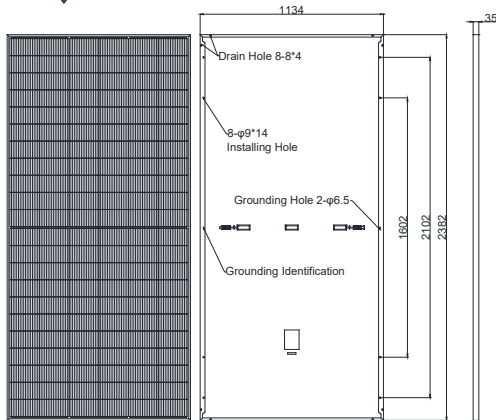


LCOE BOS  
Reduced BOS & Increased ROI

MADE  
IN  
PHILIPPINES

# TIDE SOLAR

## DIMENSIONS OF PV MODULE



## STRUCTURAL CHARACTERISTICS

Module Size	2382x1134x35mm
Weight	31kg
Cell	single crystal N-topcon 182x105mm(132pieces)
Glass	3.2mm tempered coated glass, low iron
Frame	anodized aluminum alloy
Junction Box	IP68, 3 diodes
Output Lead	4.0mm <sup>2</sup> 300mm(+)/ 300mm(-) or customized
Mechanical Load	front 5400pa / back 2400pa

## ELECTRICAL CHARACTERISTICS

Component Model	TD-600TR-132HC	TD-605TR-132HC	TD-610TR-132HC	TD-615TR-132HC	TD-620TR-132HC
Maximum Power (PMP)	STC 600	STC 605	STC 610	STC 615	STC 620
Open Circuit Voltage (VOC)	48.28	48.48	48.68	48.88	49.08
Short Circuit Current (ISC)	15.84	15.90	15.96	16.02	16.08
Maximum Power Voltage (VMP)	40.16	40.31	40.46	40.60	40.74
Maximum Power Current (IMP)	14.94	15.01	15.08	15.15	15.22
Component Efficiency (η)	22.21	22.40	22.58	22.77	22.95
Power Tolerance	(0, +3%)				
Maximum System Voltage	1500V DC				
Maximum Rated Fuse Current	30A				

STC: Irradiance 1000 W/m<sup>2</sup> module temperature 25 °C AM=1.5

## TEMPERATURE CHARACTERISTICS

Maximum Power Temperature Coefficient	-0.30 % / °C
Temperature Coefficient Of Open Circuit Voltage	-0.25 % / °C
Temperature Coefficient Of Short Circuit Current	+0.045 % / °C
Working Temperature	-40 ~ +85 °C
Nominal Operating Cell Temperature (NOCT)	45 ± 2 °C

## PACKING METHOD

Module Size	2382x1134x35mm
Container	40' HQ
Quantity Per Pallet	31
Number Of Pallets Per Container	20
Quantity Per Container	620

## I-V Curve

