

# MONO MODULE

## 60 CELL PERC BLACK BACKSHEET 320W – 335W



### Better Temperature Coefficient

Excellent temperature coefficient gives higher yield in the long term



### Low-light Performance

Outstanding performance in weak-light conditions



### PID Free

Excellent PID resistance



### Positive Tolerance

Positive tight power tolerance of + 5W



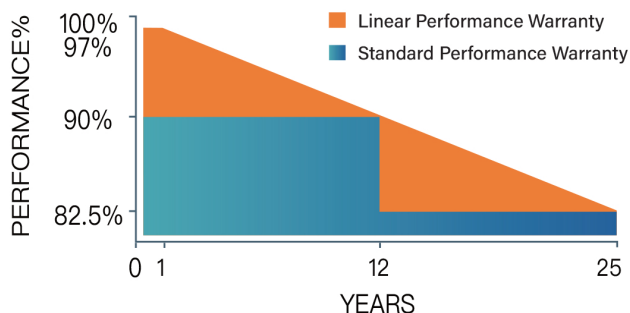
### Quality Assurance

Double stage 100% EL inspection warranting defect-free products, with 8 high tech cameras to zoom in for a closer examination

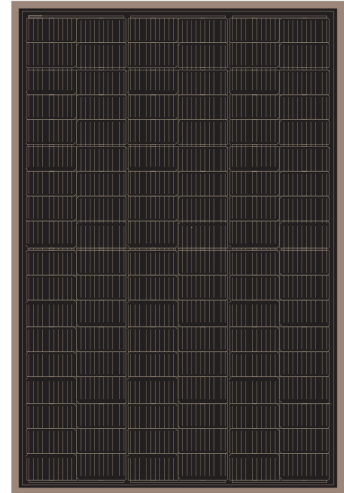


### Durability And Weather Resistance

- Severe salt mist, ammonia & blown sand resistance for seaside, farm and desert environments.
- Certified for high snow (5400 pa) and wind (2400 pa) loads



SINOTEC  
SOLAR



MADE IN CALIFORNIA



25 years Product Warranty  
25 years Linear Warranty  
25 years Workmanship Warranty



Intertek  
5014124

## + ELECTRICAL CHARACTERISTICS AT STC

Type	STS-310M3B-60	STS-315M3B-60	STS-320M3B-60	STS-325M3B-60	STS-330M3B-60	STS-335M3B-60
Maximum Power (Pmax)	310W	315W	320W	325W	330W	335W
Power Tolerance	±3%W	±3%W	±3%W	±3%W	±3%W	±3%W
Module Efficiency	18.78%	19.09%	19.39%	19,69%	20,0%	20,30%
Maximum Power Current(Imp)	9.52A	9.58A	9.65A	9,72A	9.78A	9,85A
Maximum Power Voltage(Vmp)	32,61V	32,90V	33,18V	33,45V	33,76V	34.07V
Short Circuit Current (Isc)	10.04A	10.11A	10.18A	10.25A	10.32A	10.39A
Open Circuit Voltage (Voc)	40,30V	40,53V	40,78V	41.04V	41.3V	41.59V

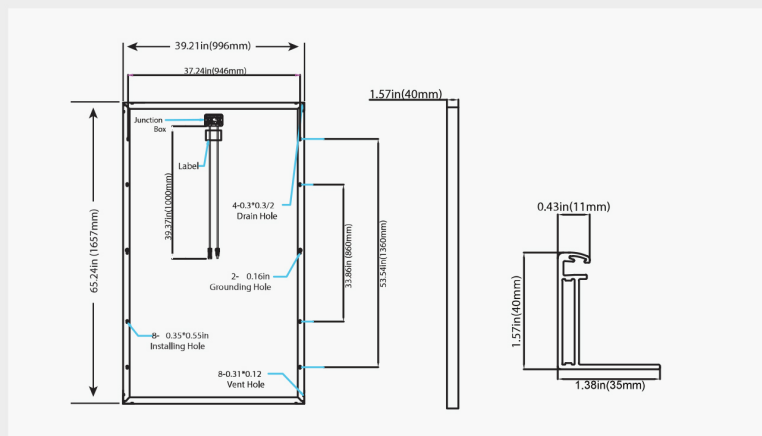
## + MECHANICAL DATA

Cell Type	Mono crystalline 6.25inch, 60 (6x10) pcs
Glass	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP65/IP67rated, with bypass diodes
Dimension	65,24x39,21x1.57in, (1657x996x40mm)
Output Cable	4mm <sup>2</sup> (EU)/12AWG (US), 39,37in (1000mm)
Weight	40.57lbs (18.4Kg)
Installation Hole Location	See Drawing Above

## + CHARACTERISTICS

Temperature Coefficient of Voc	-0.2653%°C
Temperature Coefficient of Isc	0.0052%°C
Temperature Coefficient of Pmax	-0,3955%°C
Nominal Operating Cell Temperature (NOCT)	45±2°C
Module Fire Performance	Type 1
Design Snow Load	5400 Pa
Design Wind Load	2400 Pa
Maximum System Voltage	1500 VDC
Maximum Series Fuse Ratin	20A

## + ENGINEERING DRAWINGS



STC:Irradiance 1000W/m<sup>2</sup>  
 Cell Temperature 25°C AM=1.5  
 NOCT: Irradiance 800W Im'  
 Power measurement tolerance: 3%