

**Quality British Brand** 

**72-Cell**  
MONOCRYSTALLINE MODULE  
**20.16%**  
MAXIMUM EFFICIENCY

**0~+5W**  
POSITIVE POWER TOLERANCE  
**GRADE A**  
CELLS GUARANTEED






# ZEBRA MONO 400W

**158.75 mm Cell - 72 Cells**

Quality-assured British Brand. Our high Standard Solar panels are distributed across the world.

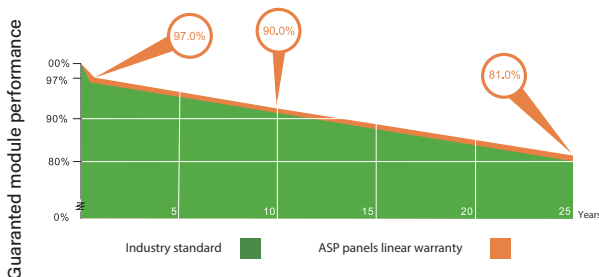
All our solar panels are made with only Grade A cells for the highest power generation, with the lowest LCOE, come with a minimum of 12 years product warranty and have a lifespan of over 25 years.

## KEY FEATURES

-  PERC Cells Technology
-  Lower LCOE and BOS
-  Anti PID / Low LID protection
-  Less Hot Spot Shading effects
-  Lower temperature coefficient

## LINEAR PERFORMANCE WARRANTY

12 - Year Product Warranty, 25 - Year Linear Power Warranty



## COMPREHENSIVE CERTIFICATES

IEC 61215 / IEC 61701 / UL 61730  
ISO 9001 : Quality Management Systems



## AfriSol Power Limited

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Ver ASP/03-22

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### ELECTRICAL DATA AT STC\*

Power output (Pmax)	400 W
Power tolerance	0~+5 W
Module efficiency	20.16%
Maximum power voltage (Vmp)	39.92 V
Maximum power current (Imp)	10.02 A
Open circuit voltage (Voc)	48.6 V
Short circuit current (Isc)	10.4 A

\*Standard Test Conditions: Irradiance: 1 000 W / m<sup>2</sup> • Cell temperature: 25°C • AM: 1.5

### ELECTRICAL DATA AT NMOT\*

Power output (Pmax)	298.25 W
Maximum power voltage (Vmp)	37.42 V
Maximum power current (Imp)	7.96 A
Open circuit voltage (Voc)	45.07 V
Short circuit current (Isc)	8.45 A

\*Nominal Operating Cell Temperature: Irradiance: 800 W / m<sup>2</sup> • Ambient temperature: 20°C  
• AM: 1.5 • Wind speed: 1 m/s

### MECHANICAL CHARACTERISTICS

Cell type	Monocrystalline (158.75x158.75 mm)
Number of cells	72
Dimensions	1980x1002x35mm
Weight	22.9 kg
Glass	3.2 mm tempered glass , High transmission (>94%), Anti-Reflective Coating
Frame	Anodized aluminium alloy
Junction box	IP68 rated (3 by pass diodes)
Cable	4 mm <sup>2</sup> , 900mm (+) 900mm (-) ; Length can be customized
Connector	MC4 or MC4 compatible
Max front load (e.g.: snow)	5400 Pa
Max back load (e.g.: wind)	2400 Pa

### TEMPERATURE CHARACTERISTICS

NOCT	45 °C ±2 °C
Temperature coefficient of Pmax	-0.396%/°C
Temperature coefficient of Voc	-0.31%/°C
Temperature coefficient of Isc	+0.06%/°C

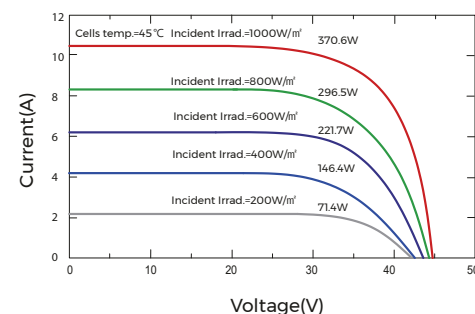
### MAXIMUM RATINGS

Operating temperature range	-45 °C ~+85 °C
Maximum system voltage	1500V/DC(IEC) 1500V/DC(UL)
Max series fuse rating	25 A

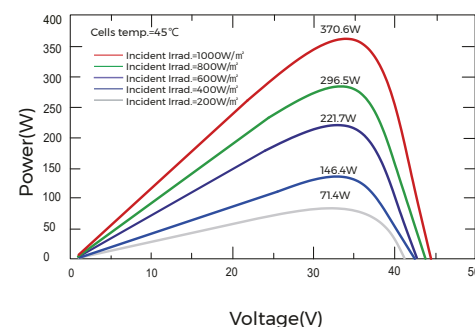
### PACKAGING (1980x1002x35mm)

Type	Pcs	Weight
Per pallet	31 pcs	740 kg
40ft HQ Container	784 pcs	18.75 t

### PV MODULE: ASP-400W-72M



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### Dimension of PV Module (mm)

