

LINKING THE WORLD TO  
THE FUTURE OF SOLAR



# NEW JUPITER SERIES

295 - 315W

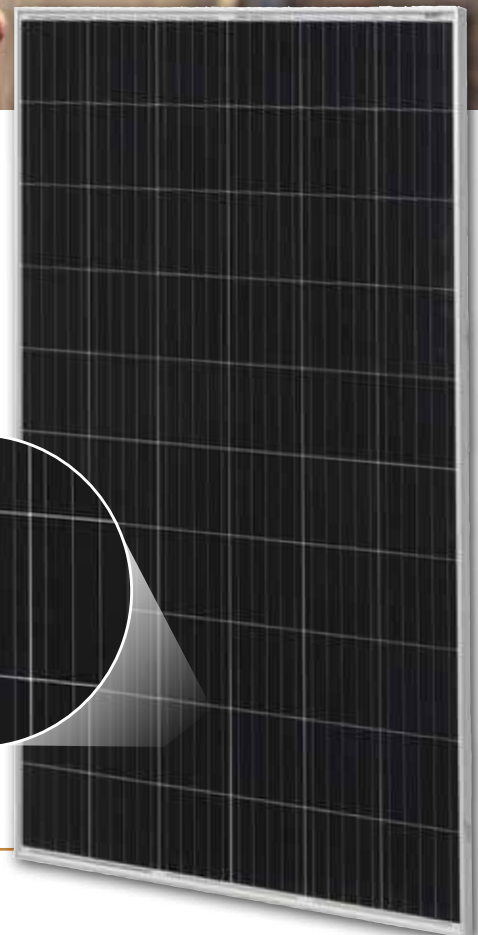
## ALL NEW & IMPROVED MONOCRYSTALLINE CELLS

*With the first Monocrystalline power plant being built 30 years ago, and continuing to run to date, this is why we are an advocate of monocrystalline solar technology.*

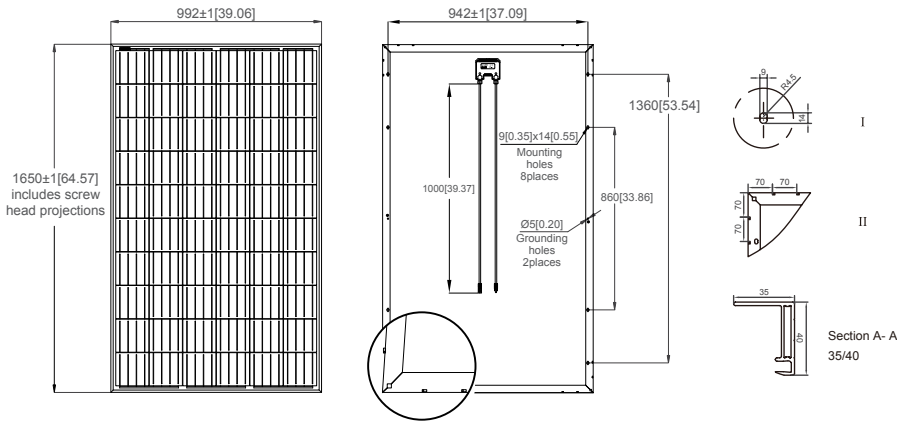
*Link Energy selected Monocrystalline as its primary product due to its longevity effectiveness and better return of investment.*

## FEATURES

- Certified to withstand 2400pa wind load and 5400pa snow load
- Outstanding Low Light Performance with 5BB Mono PERC Cells
- 35mm Anodized Aluminum Alloy Frame
- Self-Clean Glass Surface (at min. 10-degree pitch)
- TÜV SUD Certified IP68 Junction Box

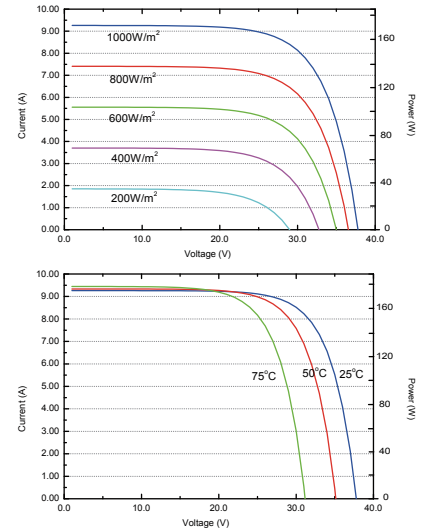


# MECHANICAL DETAILS



Dimensions in brackets are in inches.  
Un-bracketed dimensions are in millimeters.  
Unit: mm[in.]

# I-V CURVES



# ELECTRICAL DATA (STC)

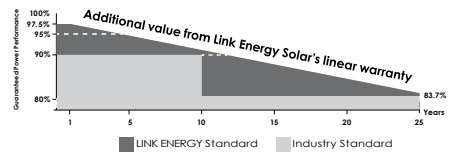
MODEL (JUPITER60-156M-XXXX)	295W	300W	305W	310W	315W
Max Power Output- $P_{MAX}$ (Wp)	295	300	305	310	315
Power Output Tolerance- $P_{MAX}$ (W)	±3%				
Maximum Power Voltage- $V_{MPP}$ (V)	32.40	32.60	32.80	33.00	33.20
Maximum Power Current- $I_{MPP}$ (A)	9.10	9.20	9.30	9.39	9.49
Open Circuit Voltage- $V_{OC}$ (A)	39.90	40.10	40.30	40.50	40.70
Short Circuit Current- $I_{SC}$ (A)	9.65	9.74	9.83	9.92	10.02
Short Circuit Current Tolerance	±2%				
Open Circuit Voltage Tolerance	±4%				
Module Efficiency $\eta_m$ (%)	18.02%	18.33%	18.63%	18.94%	19.24%

\*STC: Irradiance 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5.

## MECHANICAL DATA

Solar Cells	Monocrystalline 156.75 x 156.75 mm (+/- 2mm)
Cell Orientation	60 cells (6 x 10)
Module Dimensions	1650 x 992 x 35mm
Weight	17.5kg
Glass	Tempered Glass, Thickness: 3.2(mm)
Designed Mechanical Load & Safety Factor	Positive: 3600Pa, 1.5 (Snow) Negative: 1600Pa, 1.5 (Wind)
Frame	Silver
Backsheet	White
J-Box	IP68
Cables	Product Brand: Ningbo Shihe New Energy Technology Co, Ltd / Wuxi Vlead Photoelectric Technology Co., Ltd. Product Model: H1Z2Z2-K, 1 x 4.0mm ; 1500V DC, -40 to +90
Connector	Product Brand: Ningbo Shihe New Energy Technology Co., Ltd. Product Model: DJ2011-4 IP68 1500V DC 30A

# LINEAR PERFORMANCE WARRANTY



10 years Product Warranty  
25 years Linear Performance Warranty

## MAXIMUM RATINGS

Operational Temperature	-40~+85°C
Maximum System Voltage	1500V DC (IEC)
Max Series Fuse Rating	15A

## TEMPERATURE RATINGS

Nominal Operating Cell Temperature ( $T_{NOCT}$ )	44°C(± 2°C)
Temperature Coefficient of $P_{MAX}$	- 0.39%/°C
Temperature Coefficient of $V_{OC}$	- 0.29%/°C
Temperature Coefficient of $I_{SC}$	0.05%/°C

Certificate Holder:



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MADE IN CHINA