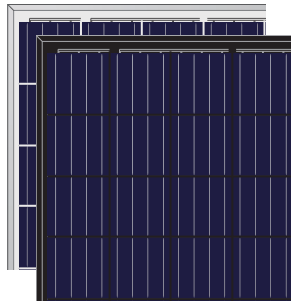


# LINK ENERGY



PILOT 60-270W  
250 - 280W  
POLYCRYSTALLINE

Our panels come with a super robust frame, Link Energy's panels have a 40mm frame, this makes them stronger and more durable. We also utilise an IP67 Junction Box, as it is one of the most volatile parts of a solar panel we have made sure it is protected from the elements. We've taken our knowledge and combined it with the technology to ensure that our panels offer high efficiency with a stable output of power.

High efficiency, all the innovative manufacturing technology, brings high conversion efficiency (up to 16.49%)

Excellent temperature coefficient giving higher yields in the long term

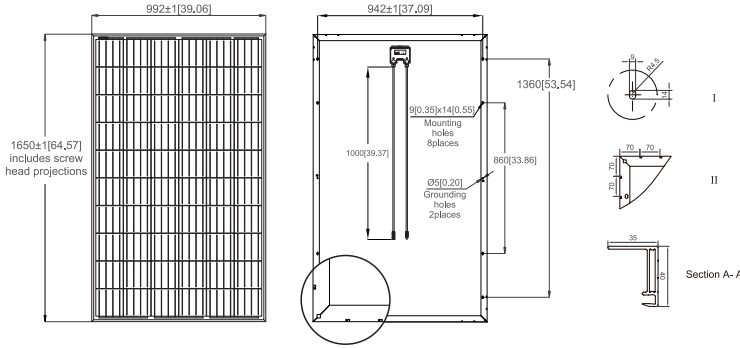
Certified to withstand increased loads of up to 5400Pa

Outstanding performance in weak-light conditions

4 busbar solar cells offering an excellent aesthetic appearance as well as remaining a stable output of solar power

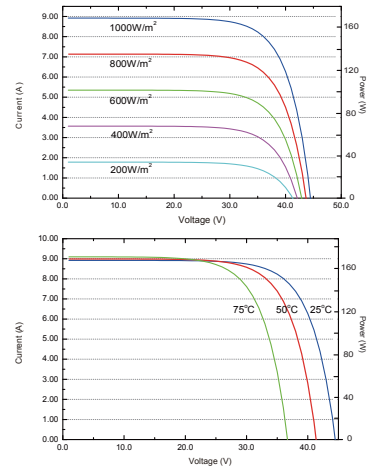


# Mechanical Details



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

# I-V Curves



# Electrical Data

## ELECTRICAL DATA (STC\*)

	250	255	260	265	270
Peak Power Watts- $P_{MAX}$ (Wp)	250	255	260	265	270
Maximum Power Voltage- $V_{MPP}$ (V)	31.70	31.90	32.10	32.40	32.70
Maximum Power Current- $I_{MPP}$ (A)	7.92	8.00	8.10	8.18	8.28
Open Circuit Voltage- $V_{OC}$ (V)	38.00	38.10	38.20	38.30	38.40
Short Circuit Current- $I_{SC}$ (A)	8.55	8.60	8.67	8.73	8.82
Module Efficiency $\eta_m$ (%)	15.3	15.6	15.9	16.2	16.5

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

## MECHANICAL DATA

Solar cells	Polycrystalline 156 × 156 mm (6 inches)
Cell orientation	60 cells (6 × 10)
Module dimensions	1650 × 992 × 40 mm (65.0 × 39.1 × 1.6 inches)
Weight	18.6 kg (41 lb)
Glass	3.2 mm (0.13 inches), High Transmission, AR Coated Tempered Glass
Frame	Black / Silver
Backsheet	Black / White
J-Box	IP67
Cables	Photovoltaic Technology cable 4.0mm <sup>2</sup> (0.006 inches <sup>2</sup> ), 900mm (35.46 inches)
Connector	Product Brand: MC Product Model: 32.0016P0001-JR (female cable coupler MC4) 32.0017P0001-JR (male cable coupler MC4)

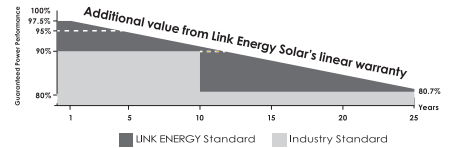
10

10 Years  
Product Warranty

25

25 Years  
Performance Warranty

## Linear Performance Warranty



## MAXIMUM RATINGS

Operational Temperature	-40~+85°C
Maximum System Voltage	1000V 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



POWERARK SOLAR Pty Ltd

Unit C8/391 Park Rd,  
Regents Park NSW 2143  
www.link-energy.com.au  
(02) 9643 2492