

About us:

Ameya Solar and Semiconductors Pvt Ltd is high-tech PV enterprise dedicated to research & development, production, sales & after sales service, mainly engaged in crystalline silicon solar panels, photovoltaic systems and PV applications. We design and manufacture Solar photovoltaic modules.

Our vision is to transform the energy thinking by making maximum number of people take part in our journey to collaborate with nature by reducing carbon foot prints and make a positive difference to our communities.

Why Ameya?

-  Great performance panels – High quality products
-  Stringently controlled manufacturing unit
-  Easy installation
-  Low maintenance
-  After-sales service
-  Excellent Value for Money – Reasonable pricing
-  Convenient location closer to Port, Rail, Airport and National High-way roads

Our Certifications

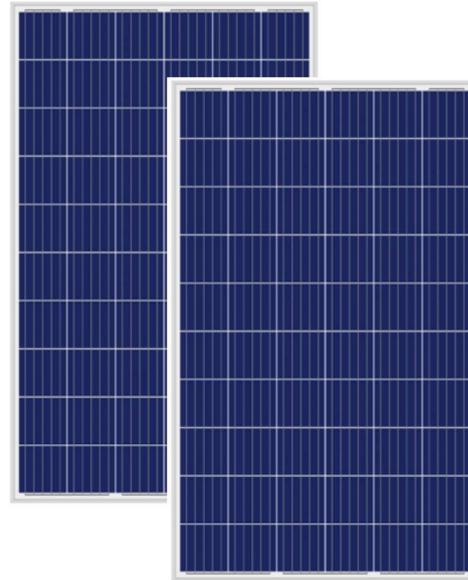


- ✓ ISO 9001-2015, ISO 14001-2015 and CE Certified quality product manufacturer
- ✓ IS14286 – PV Module Design Qualification & Type Approval
- ✓ IS/IEC 61730 Part 1 & 2 – Safety Qualification
- ✓ IEC 61215 – for Crystallin Silicon Modules
- ✓ UL 1703 – Fire test
- ✓ IEC 61701 – Salt Mist Corrosion test
- ✓ IEC 62804 – PID test

Key features

	PID resistant
	Excellent module efficiency
	Positive power tolerance to +3W
	Heavy snow load 5400 Pa Wind load 2400 Pa
	IP67 junction box for long term endurance
	5 years product warranty
	25 years Performance warranty

Product: ASSPL 60-156.75P (250 - 270 W)



Contact us:

 Survey No. 161/1/1A, Rajpeta Road, Near Maridimamba Temple, Nagavaram Village, Munagapaka Mandalam, Visakhapatnam - 531 033 Andhra Pradesh, India.

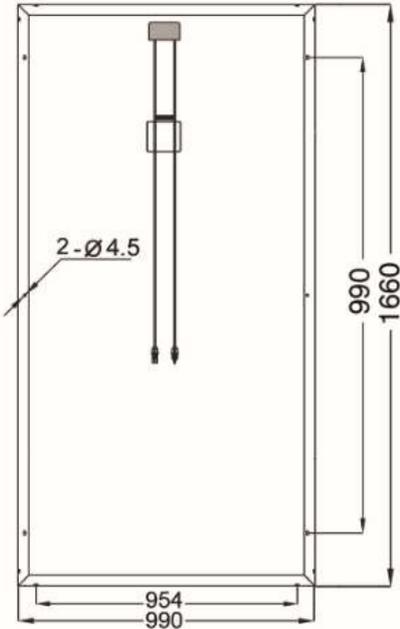
 www.ameyasolar.com

 mfg@ameyasolar.com

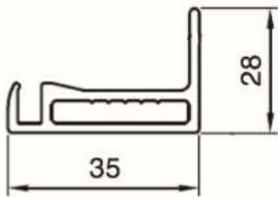
 +91 733 738 5772 / 74 / 75 / 71 / 73



**ASSPL 60 - 156.75P
250 - 270W**



Module Dimension (Unit: mm)



Frame Dimension (Unit: mm)

ELECTRICAL CHARACTERISTICS

	250	260	270
Maximum Power P _{mp} , [Watt]	250	260	270
Power Tolerance, [W]	±3%	±3%	±3%
Voltage at Maximum Power Point V _{mpp} , [V]	31.85	31.95	32.05
Current at Maximum Power Point I _{mp} , [A]	7.84	8.13	8.42
Open Circuit Voltage V _{oc} , [V]	38.224	38.345	38.446
Short Circuit Current I _{sc} , [A]	8.58	8.89	9.21
Module Efficiency, [%]	15.2	15.82	16.43

Measurements under Standard Test Conditions (STC)
Irradiance 1000W/m², AM1.5G Spectrum and Cell Temperature 25°C

MECHANICAL CHARACTERISTICS

Cell Type	Multicrystalline 156 .75× 156.75 mm (6 inches)
Cell Configuration	60 cells (6 × 10)
Module Dimension	1660× 990 × 35 mm
Module Weight	19 kg
Glass	3.2 mm Low Iron Tempered Solar Glass
Frame	Anodized Al alloy Type 6063 T5; Silver Grey
J-Box	IP67, 1000V/1500V DC, IEC&UL Certified
Cable	4.0 Sq mm /12AWG, 1000mm, IP67
Connectors	MC 4

THERMAL CHARACTERISTICS

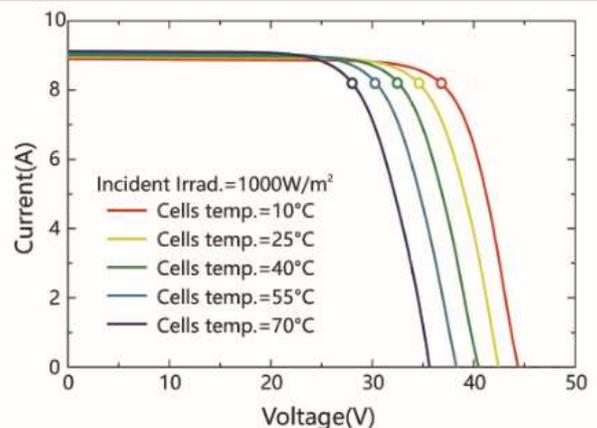
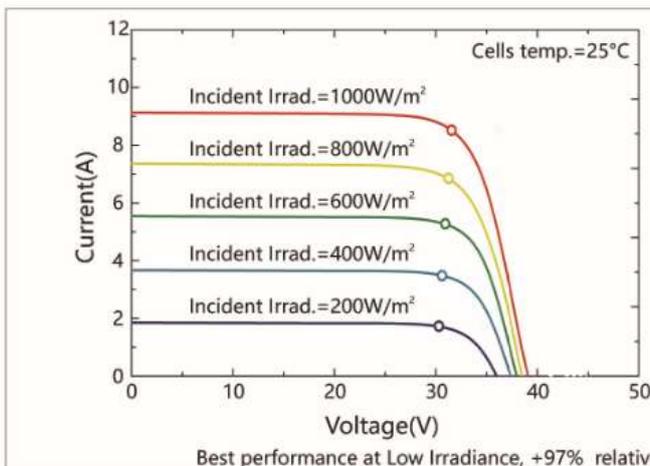
Nominal Operating Temperature NOCT	45°C (±2°C)
Temperature Coefficient of I _{sc} , α	- 0.41%/°C
Temperature Coefficient of V _{oc} , β	- 0.32%/°C
Temperature Coefficient of P _{max} , γ	0.05%/°C

MAXIMUM OPERATING INSTRUCTIONS

Operating Temperature	-40°C+85°C
Maximum System Voltage	1500V DC (IEC), 1500V DC (UL)
Maximum Series Fuse Rating	20A

PACKING INSTRUCTIONS

Number Of Modules Per Box / Pallet	30 pieces
Number of Pallets / 40' Container	720 pieces (24 Pallets)



DISCLAIMER: Specifications included in the datasheet are subject to change without prior notice owing to continuous innovation on the Product Development and R&D activities. Ameya Solar reserves the right to make any adjustment to the information described here. Dataset contained in this specification do not form a representative of a single module's data.

Lets collaborate with Nature

by transforming your energy thinking with **Ameya Solar**

