

A Series

DuPont Apollo A Series photovoltaic modules are designed and manufactured using the cutting-edge amorphous silicon (a-Si) thin film technology. With unique product features and capabilities, they are able to provide ideal solutions for rooftop solar projects.



Key Product Advantages:

- **Ultra Light Weight Benefits Return on Investment**

With its light weight feature (12.8kg/sqm), DuPont Apollo A Series thin film modules are an ideal choice for rooftop applications. This feature also minimizes the overall BOS (Balance-of-System) cost through simplifying the supporting structure, lowering system installation cost and thus increasing return on investment.

- **Stable Performance Under Weak Light Conditions**

A Series thin film modules provide an outstanding performance under indirect light conditions (e.g. reflective light and diffusive light). They maintain a relatively stable power output under the shading environment caused by the surrounding building-obstacles. Therefore, the modules offer high flexibility for adjusting the mounting angle to meet special requirement of rooftop applications in different regions.

- **Suitable for Green Building with Aesthetic Design**

The aesthetic design of A Series thin film modules is a preferable option for designing green-buildings and maintaining original appearance design. Its white backsheet design can enhance the heat dissipation of PV modules and thus improve the overall power performance.

- **Quality and Reliability**

DuPont Apollo A Series thin film modules are manufactured in an ISO 9001 and IECQ QC 080000 HSPM certified facility, and the modules have received the internationally recognized IEC 61646, IEC 61730 and UL 1703 certifications.



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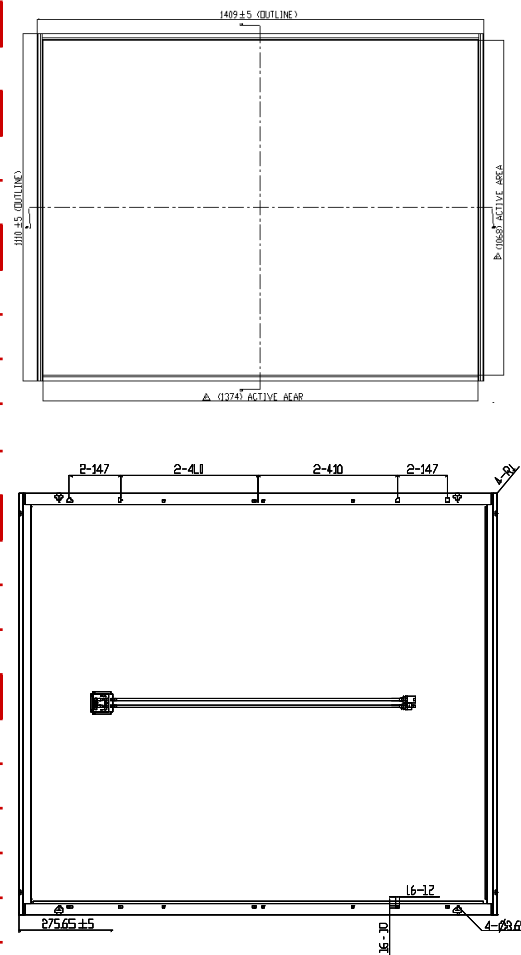
DuPont Apollo A Series Thin Film Modules

- ✓ High Energy Yields
- ✓ Stable Power Output
- ✓ Robust Encapsulation
- ✓ Easy Mounting

Product Specification

Model	DA090	DA095	DA100	DA102
Technology	Amorphous Silicon (Single Junction)			
Mechanical characteristics				
Dimensions	L 1,409 x W 1,110 x T 35 mm			
Weight	20 kg			
Electrical characteristics				
Maximum power output (Pm)	90W	95W	100W	102W
Voltage at Pmax point (Vpm)	71.4V	74.21V	76.96	78.06V
Current at Pmax point (Ipm)	1.26A	1.28A	1.30A	1.30A
Open circuit voltage (Voc)	94.7V	96.99V	99.2V	100.68V
Short circuit current (Isc)	1.54A	1.55A	1.55A	1.55A
Temperature coefficients				
Coefficient of Pm	- 0.25% /°C			
Coefficient of Voc	- 0.30% /°C			
Coefficient of Isc	+ 0.09% /°C			
Operating conditions				
Operating temperature	-40 ~ +85 °C			
Maximum mechanical load	2400 N/m ²			
Maximum system voltage	1000V (IEC) / 600V (UL)			
Certificate	IEC 61646/ IEC 61730 / UL 1703			
Cable length	890~1000 mm			

Module Outline

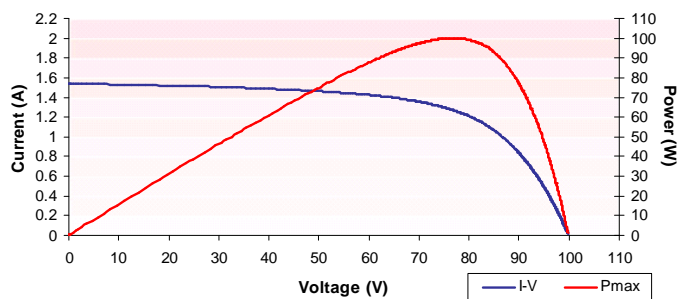


Above data represents stabilized module performance at standard test conditions (STC: 1000W/m², spectrum AM 1.5, 25°C temperature), The power output is subject to a product tolerance of ± 5%.



DuPont Apollo A Series modules are available in black or white backsheet.

A Series Electrical Characteristics



All data may be subjected to change without prior notice.