C Series

DuPont Apollo C 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 solution for rooftop solar projects.

Key Product Advantages:

- **High Power Output**
  DuPont Apollo C Series thin film modules can generate high energy yield by their improved cell conversion efficiency (+9%) and the optimized open-circuit voltage which can reduce power loss during electricity transmission.

- **Ultra Light Weight Benefits Return on Investment**
  With its light weight feature (12.8kg/sqm), C 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.

- **Suitable for Green Building with Aesthetic Design**
  The aesthetic design of C 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.

- **Stable Performance Under Weak Light Conditions**
  C Series thin film modules provide 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.

- **Quality and Reliability**
  DuPont Apollo C Series thin film modules are manufactured in an ISO 9001 and IECQ QC 080000 HSPM certified facility, and the modules are expected to obtain the internationally recognized IEC 61646, IEC 61730 and UL 1703 certifications soon.

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DuPont Apollo

C Series Thin Film Modules

☑ High Energy Yields ☑ Stable Power Output ☑ Robust Encapsulation ☑ Easy Mounting

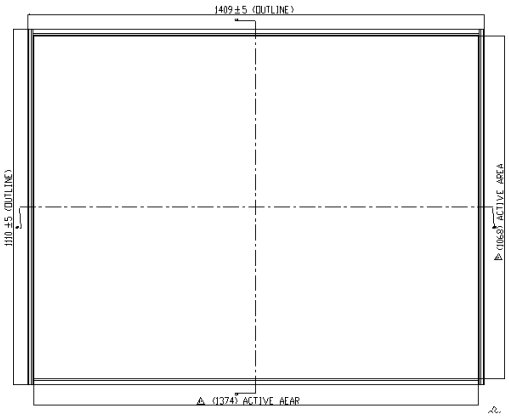
☑ Low Cable Power Loss

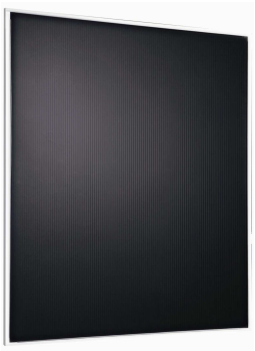
Product Specification

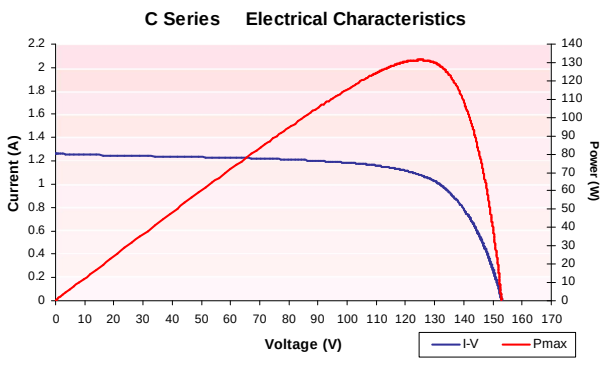
Model	DA121	DA127	DA130
Technology	Amorphous Silicon / Microcrystalline (Tandem Junction)		
Mechanical characteristics			
Dimensions	L 1,409 x W 1,110 x T 35 mm		
Weight	20 kg		
Electrical characteristics			
Maximum power output (Pm)	121W	127W	130W
Voltage at Pmax point (Vpm)	120.6V	122.8V	125V
Current at Pmax point (Ipm)	0.99A	1.01A	1.03A
Open circuit voltage (Voc)	146.6V	149.3V	152V
Short circuit current (Isc)	1.22A	1.24A	1.26A
Temperature coefficients			
Coefficient of Pm	- 0.34% /˚C		
Coefficient of Voc	- 0.34% /˚C		
Coefficient of Isc	+ 0.08% /˚C		
Operating conditions			
Operating temperature	-40 ~ +85 ˚C		
Maximum mechanical load	2400 N/m^2		
Maximum system voltage	1000V (IEC) / 600V (UL)		
Certificate (in progress)	IEC 61646 / IEC 61730 / UL 1703		
Cable length	890~1000 mm		

Above data represents stabilized module performance at standard test conditions (STC: 1000W/m^2, spectrum AM 1.5, 25˚C temperature), The power output is subject to a product tolerance of ± 5%.

Modules Outline







All data may be subjected to change without prior notice.