
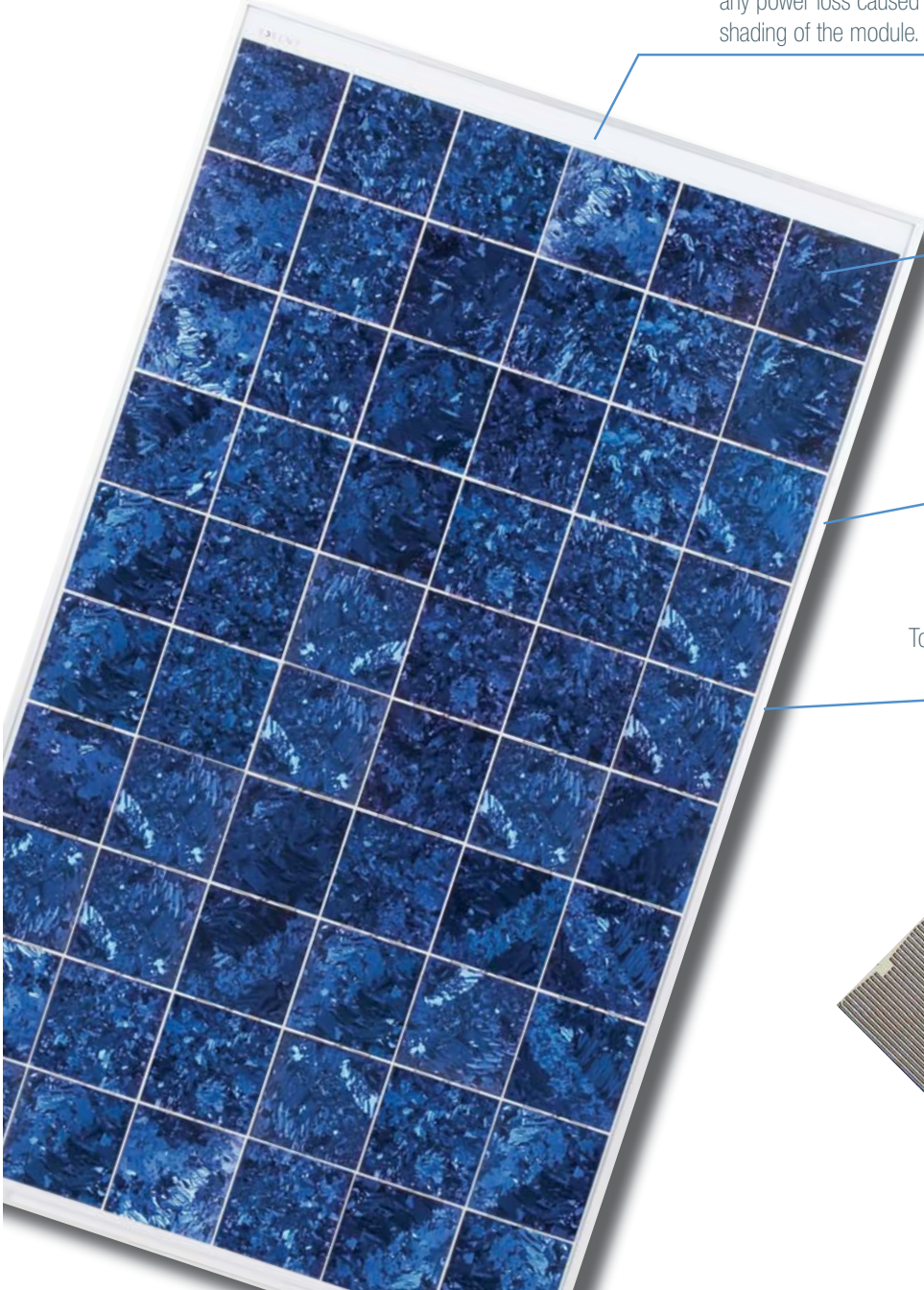


210-240Wp MODULE LINE



Solar technology has come a long way and our exclusive EWT technology is a shining example of that. Within the back contact family, our unique cell design is known as Emitter Wrap – Through (EWT). It's a breakthrough design that eliminates grid obstruction and produces a more powerful cell. Because these advantages come from innovations to a standard process, our cells and modules combine the reliability of traditional materials with the beauty of new technology.

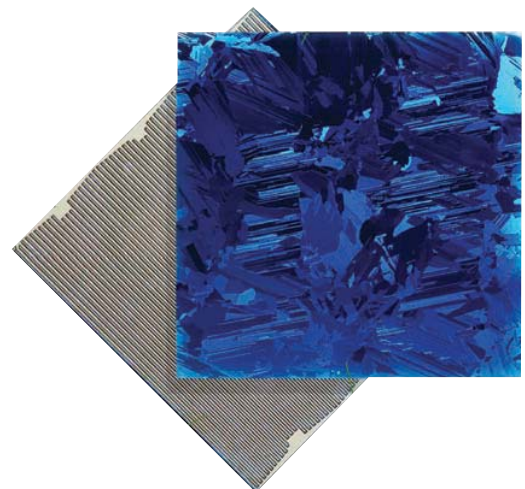


Bypass diodes minimize any power loss caused by shading of the module.

The multicrystalline cells are protected by sheets of Ethylene Vinyl Acetate (EVA) then laminated between weatherproof multi-layer back film and high-impact resistant tempered glass.

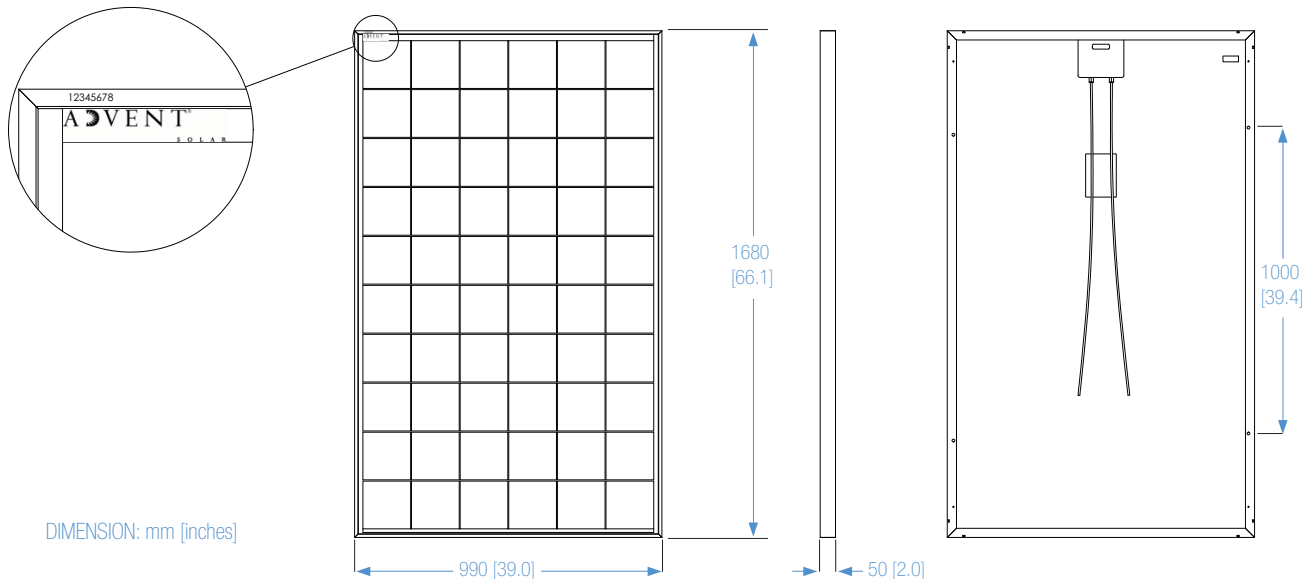
Modules are manufactured to the strictest engineering guidelines, ensuring each module meets the highest levels of quality and safety.

Tough, corrosion resistant, anodized aluminum alloy frames produce a durable, long lasting assembly.

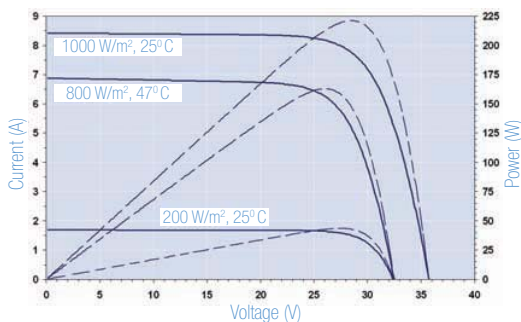


210-240W_p MODULE LINE

Provisional Module Data	Advent 210	Advent 215	Advent 220	Advent 225	Advent 230	Advent 235	Advent 240
Maximum Power Rating	210 W _p ±3%	215 W _p ±3%	220 W _p ±3%	225 W _p ±3%	230 W _p ±3%	235 W _p ±3%	240 W _p ±3%
Open Circuit Voltage (V _{oc})	35.1 V	35.4 V	35.7 V	36.0 V	36.3 V	36.3 V	36.6 V
Short Circuit Current (I _{sc})	8.23 A	8.27 A	8.40 A	8.52 A	8.57 A	8.64 A	8.69 A
Maximum Power Voltage (V _{mp})	28.43 V	28.74 V	29.06 V	29.34 V	29.66 V	29.69 V	30.01 V
Maximum Power Current (I _{mp})	7.39 A	7.49 A	7.62 A	7.75 A	7.83 A	7.93 A	7.99 A
Maximum System Voltage	1000 V (IEC) / 600 V (UL)						
Series Fuse Rating	15 A						
Output Terminal	Cable with MC Connectors (Type 4)						
Weight	22.7 kg / 50 lbs						
Dimensions (l x w x h)	1680 x 990 x 50 mm / 66.1 x 39.0 x 2.0 in						
Number of Cells	60 Cells in Series in a 6 x 10 Matrix						
Solar Cell Type	EWT multicrystalline silicon						
Solar Cell Size	156 x 156 mm						
Temperature Coeff. Of V _{oc}	- 0.36%/°C						
Temperature Coeff. Of I _{sc}	+ 0.051%/°C						
Temperature Coeff. Of P _{max}	- 0.52%/°C						
NOCT	47 ± 2°C						



IV and PV Curves for Advent 220



PENDING CERTIFICATIONS

- IEC 61215 2nd ed.
- IEC 61730 Safety
- UL 1703
- Heavy Load 5400 Pa
- IP 65
- CE