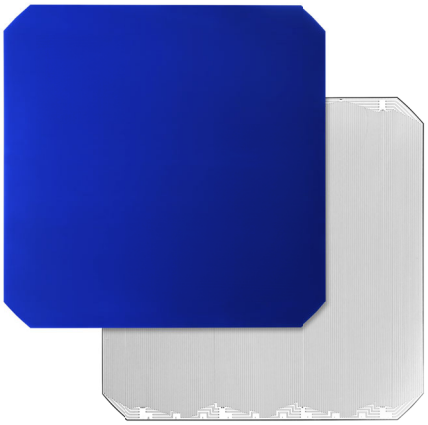
PRELIMINARY

MAXEON GEN 6

SUNPOWER | FROM MAXEON SOLAR TECHNOLOGIES



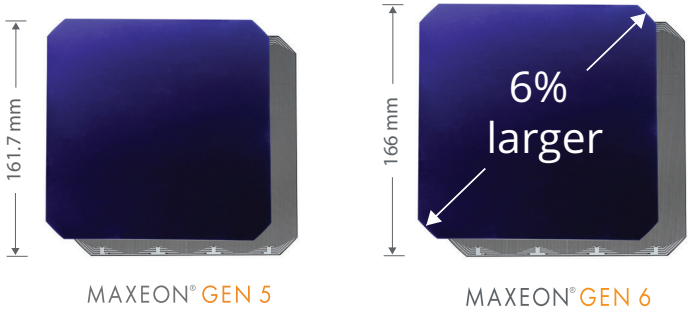
High Efficiency Solar Cell

Maxeon® Technology

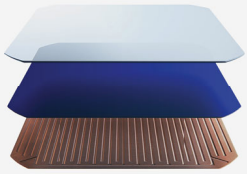
Every day, entrepreneurs, designers, adventurers and explorers are changing the way our world is powered by placing their trust in Maxeon technology. We share your spirit of excellence and relentless innovation, which is reflected in most powerful and durable cell to solar enthusiasts. Together, even the boldest goals are within reach.

Highest Power Density Available

The Maxeon Gen 6 cell is 6% larger than the prior generations, delivering the most powerful cell and highest efficiency panel on the commercial market.



Fundamentally Different. And Better.



Maxeon® Technology

- Ultra-pure, n-type, monocrystalline silicon for maximum power
- Tin barrier prevents corrosion
- Uniquely durable back-contact design with no ribbons
- Clean and elegant aesthetics by designing out front contacts

Trusted Durability

- Solid metal foundation helps cell bend where others break under pressure.
- Conductive and malleable foundation keeps cell electrically intact even if eventually cracked.

Born to Break Records

Maxeon cells powered the first solar circumnavigation of the planet by air and by sea. They are the chose technology by pioneers who demand the best in harsh environments.

Proven Technology Platform

Maxeon has deployed more than one billion cells across more than 9 GW of installed solar - with a very low warranty return rate of 0.005%. Maxeon's industry-leading R&D team has invested deeply in generations of incremental design enhancements over three decades.

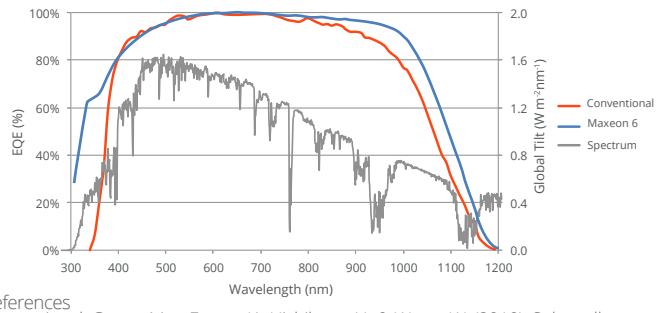
Maxeon® Gen 6 High Efficiency Solar Cell

Electrical Characteristics of typical Maxeon Gen 6 Cell

Cell Bins	Pmpp (Wp)	Eff (%)	Vmpp (V)	Impp (A)	Voc (V)	Isc (A)
Mn1	6.71	24.5	0.620	10.82	0.731	11.53
Ln	6.54	23.9	0.612	10.68	0.728	11.47
Kn2	6.03	22.0	0.584	10.33	0.724	11.24
Kn3	5.70	20.8	0.562	10.16	0.728	11.13

Temperature Coefficients in SunPower Panels: Voltage: -0.239%/ºC, Current: 0.057%/ºC, Power: -0.29%/ºC

Spectral Response

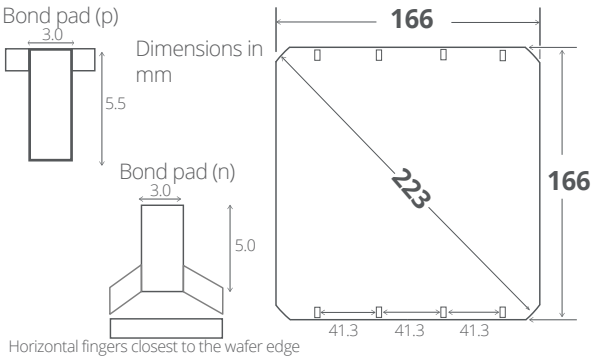


References

Conventional: Green, M.a., Emery, K., Hishikawa, Y., & Warta, W. (2010). Solar cell efficiency tables (version 36). Progress in Photovoltaics: Research and Applications, 18(5), 46-352.doi:10.1002/pip/1021
SunPower: NREL data, commissioned by SPWR."Gen C CS AR binl". 2013.
Spectrum: Standard, ASTM. " G173-03." URL: http://www.astm.org

Cell Physical Characteristics

Wafer:	Monocrystalline silicon
Design:	All back contact
Front:	Uniform, black antireflection coating
Back:	Tin-coated, copper metal grid
Cell Area:	Approximately 274.15cm^2
Cell Weight (Min-Max):	Approximately 12grams
Cell Thickness (Min-Max):	152µm +/- 8µm



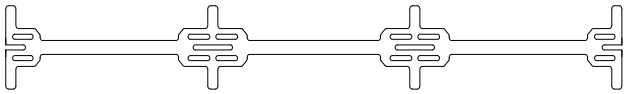
Horizontal fingers closest to the wafer edge

Bond pad area dimensions are 5.0mm x 3.0mm (npad)
Bond pad area dimensions are 5.5mm x 3.0mm (ppad)
Metal finger pitch is 520um (whether positive or negative finger)

Positive Electrical Grounding

If cell voltage is below frame ground the cell power output will be reduced. Therefore, modules and systems produced using these cells should be configured as "positive ground system". If this creates a problem, please consult with Maxeon.

Interconnect Tab and Process Recommendations



Maxeon recommends customers use Maxeon's patented tin-plated copper strain-relieved interconnect tabs, which can be purchased from Maxeon. These interconnects are easily solderable and compatible with lead free processing solder paste.
Tab weigh approximately 0.5 grams.

Our patented interconnect tabs are packaged in reeled format or 15,000 each.

https://sunpower.maxeon.com/int/virtual-patent-marking

Production Quality

ISO 9001:2015 certified
Soft handling procedures to reduce breakage and crack formation
100% cell performance testing and visual inspection.

Sustainability

REACH COMPLIANCE

RoHS

MSDS

Maxeon cells are subject to certification and regulations under UL, TUV, JET and other regulatory agencies. As an end-product under these agencies, Maxeon end-products are not required to travel with an MSDS.

Packaging

Cells are packed in boxes of 1200 each; grouped in 8 shrink wrapped stacks of 150 with interleaving. 1 pallet containing 36,000 cells suitable for air transport.

Purchase Terms

Customers shall not reverse engineer, disassemble or analyze the Solar Cells or any prototype, process, product, or other item that embodies Confidential Information of Maxeon.
Customers shall not cause or allow any inspection, analysis, or characterization of any properties (whether mechanical, structural, chemical, electrical, or otherwise) of the Solar Cells, whether by itself or by a third party.
Customer agrees that it will not transfer (whether by sale, loan, gift, or other conveyance) the Solar Cells from its possession.
Maxeon solar cells are provided "AS IS" without warranty.
Full terms and conditions are in the Cell Purchase Agreement