

SunPower Cell Pricing

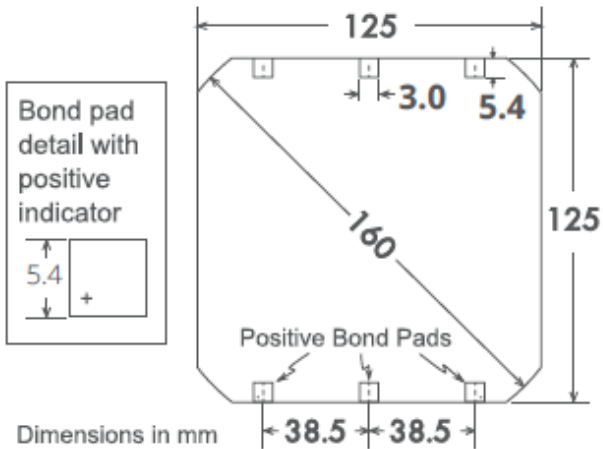
Specifically for small orders

June.2019

SunPower Gen 1 Cell – 160 mm

Cell Physical Characteristics

Wafer:	Monocrystalline silicon
Design:	All back contact
Front:	Uniform, black antireflection coating
Back:	Tin-coated, copper metal grid
Cell Area:	Approximately 153cm ²
Cell Weight:	Approximately 6.5 grams
Cell Thickness:	150µm +/- 30µm



Bond pad area dimensions are 5.4mm x 3.0mm
Metal finger pitch between positive and negative fingers is 599µm.
Positive/Negative pole bond pad sides have "+/-" indicators on leftmost and rightmost bond pads

Electrical Characteristics of a typical Maxeon Gen II Cell At Standard Test Conditions (STC)

STC: 1000W/m², AM 1.5G and cell temp 25°C

	Cell Bin	P _{mpp} (Wp)	Eff. (%)	V _{mpp} (V)	I _{mpp} (A)	V _{oc} (V)	I _{sc} (A)
Premium Performance	Jp1	3.44	22.4	0.575	5.98	0.677	6.33

Electrical parameters are nominal values.

Temp.Coefficients in SunPower Panels: Voltage: -1.74mV/°C, Current: 2.9mA/°C,
Power: -0.29%/°C

Cell Bin	Cosmetic Quality	Unit Price
Jp1	Highest	\$2.9

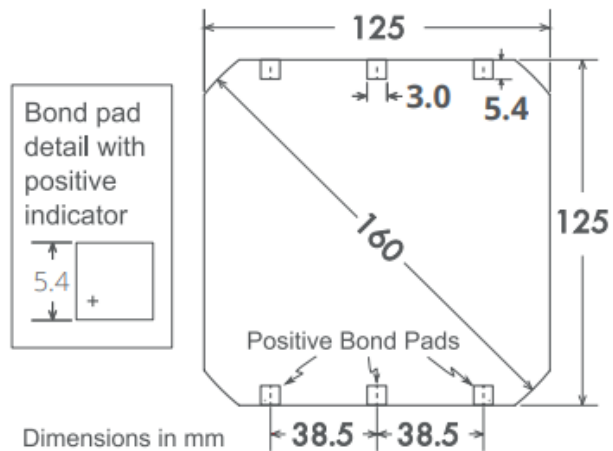
Note:

- Pricing is not including tax and shipping
- The minimum packaging is 150 PCS, order quantity should be multiple of 150
- Cells have limited availability
- Spec sheets are available at SunPower website: <https://us.sunpower.com/buy-solar-cells/>

SunPower Gen 1 Cell – 160 mm

Cell Physical Characteristics

Wafer:	Monocrystalline silicon
Design:	All back contact
Front:	Uniform, black antireflection coating
Back:	Tin-coated, copper metal grid
Cell Area:	Approximately 153cm ²
Cell Weight:	Approximately 6.5grams
Cell Thickness:	150µm +/- 30µm



Bond pad area dimensions are 5.4mm x 3.0mm
Metal finger pitch between positive and negative fingers is 471µm.
Positive/Negative pole bond pad sides have "+/-" indicators on leftmost and rightmost bond pads

Electrical Characteristics of a typical Maxeon Gen III Cell At Standard Test Conditions (STC) STC: 1000W/m², AM 1.5G and cell temp 25°C

	Cell Bin	Pmpp (Wp)	Eff. (%)	Vmpp (V)	Ippp (A)	Voc (V)	Isc (A)
Ultra Peak Performance	Me1	3.72	24.3	0.632	5.89	0.730	6.18
Ultra Premium Performance	Le1	3.62	23.7	0.621	5.84	0.721	6.15

Cell Bin	Eff %	Unit Price
Me1	24.3	\$7.6/cell
Le1	23.7	\$5.5/cell

SunPower Gen 3 Cell – 166 mm

Cell Physical Characteristics

Wafer:

Monocrystalline silicon

Design:

All back contact

Front:

Uniform, black antireflection coating

Back:

Tin-coated, copper metal grid

Cell Area:

Approximately 155cm²

Cell Weight:

Approximately 6.6 grams

Cell Thickness:

150µm +/- 30µm

Bond pad detail with positive indicator

5.4

+

125

3.0

5.4

125

166

38.5

38.5

Positive Bond Pads

Dimensions in mm

Bond pad area dimensions are 5.4mm x 3.0mm

Metal finger pitch between positive and negative fingers is 471µm.

Positive/Negative pole bond pad sides have "+/-" indicators on leftmost and rightmost bond pads

Electrical Characteristics of a typical Maxison Gen III Cell							
At Standard Test Conditions (STC)							
STC: 1000W/m ² , AM 1.5G and cell temp 25°C							
	Cell Bin	Pmpp (Wp)	Eff. (%)	Vmpp (V)	Imp (A)	Voc (V)	Isc (A)
Max Peak Performance	Me3	3.89	25.1	0.640	6.08	0.727	6.45
Max Premium Performance	Le3	3.84	24.8	0.634	6.06	0.724	6.43

Electrical parameters are nominal values.
Temp.Coefficients in SunPower Panels: Voltage: -1.74mV/°C, Current: 2.9mA/°C,
Power: -0.29%/°C

Cell Bin	Cosmetic Quality	Unit Price
Me3	Highest	\$19.9/cell
Le3	Highest	\$9.8/cell

- Note:
- Pricing is not including tax and shipping
 - The minimum packaging is 150 pcs, order quantity should be multiple of 150
 - Cells have limited availability
 - Spec sheets are available at SunPower website: <https://us.sunpower.com/buy-solar-cells/>

SunPower Interconnect Tab

Interconnect Tab and Process Recommendations



SunPower recommends customers use SunPower's patented tin-plated copper strain-relieved interconnect tabs, which can be purchased from SunPower. These interconnects are easily solderable and compatible with lead free processing. Tabs weigh approximately 0.3 grams.

Our patented interconnect tabs are packaged in boxes of 3600 or 36,000 each.

<http://us.sunpower.com/about/sunpower-technology/patents/>

Interconnect Tab	150 pcs Unit Price
	\$0.12/tab

Note:

- Pricing is not including tax and shipping
- Order 1200/ one box , or 600/ half box
- Tabs have limited availability