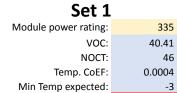Input values in blue fields.  Use the same temperature system for all NOCT, Voltage Temp CoEf and minimum expected temperature.
Temperature Coefficient of the voltage needs to be input as a positive decimal.  For example if the temperature coefficient for voltage is
listed as -.31% you need to input .0031.  If the temperature coefficient is listed as number of volts and not a percentage use set 2. The module
power rating highlighted in yellow can be left blank and is just added for personal clarification.

## Set 1

| | |
|---|---|
| Module power rating: | 335 |
| VOC: | 40.41 |
| NOCT: | 46 |
| Temp. CoEF: | 0.0004 |
| Min Temp expected: | -3 | derived from http://www.solarabcs.org/about/publications/reports/expedited-permit/map/
| Max String Voltage: | 500 |
| **Max modules/string:** | 12 |

To use temperature map input an area code then click on the flag
nearest to the installation and use the extreme min. temperature.

## Set 2

Very few module manufacturers list their temperature coefficients in voltage.  Please double check prior to using this set.

| | |
|---|---|
| Module power rating: | |
| VOC: | 62 |
| NOCT: | 20 |
| Temp. CoEF: | 0.192 |
| Min Temp expected: | -2 | derived from http://www.solarabcs.org/about/publications/reports/expedited-permit/map/
| Max String Voltage: | 500 |
| **Max modules/string:** | 7 |

To use temperature map input an area code then click on the flag
nearest to the installation and use the extreme min. temperature.

To determine the maximum number of strings you can input in to each MPPT enter the Isc of the module at it's STC rating and the fuse size
you will be using in the appropriate boxes.  If a number greater than 2 is returned, you will need to use an seperate DC combiner with fused
string inputs prior to landing in the unit.

| | |
|---|---|
| Isc @ STC: | 9.77 |
| Fuse  size: | 15 | A reccomended value of 15 should be used.  Under certain circumstances a 20 amp fuse maybe used but this is not reccomended without extensive knowledge and research.
| **Max strings/MPPT:** | 1 |

| | | | |
|---|---|---|---|
| **Set 1 max  # of modules Per MPPT:** | 12 | **Max number of Modules total:** | 24 |
| **Set 2 max  # of modules Per MPPT:** | 7 | **Max number of Modules total:** | 14 |