STRING SIZING PROGRAM

SMA

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Note: For best printing results, please change page format to "landscape".

Results from String Sizing V 6.0

Selected Inverter	Selected PV Manufacturer	Selected PV Module
SB 3000US (240)	Sanyo (Solec)	HIP-205BA3 (205 W)

Inverter Data

Design Irradiance (W/m^2)	Pacmax	Pdcmax
1000	3000	3500

Idc Max	Vdc Max	Vmpt Max	Vmpt Min	Vmin
17	500	400	200	200

Module Data

Module Pnom	Voc	Vmp	Isc	Imp
205 W	68,8 V	56,7 V	3,84 A	3,62 A

Temperature Coefficient of Voltage	Temperature Coefficient of Current	Temperature Coefficient of Power
- 172 mV	+ 0,88 mA	- 0,29 %

Mounting Method

Please select the mounting method for the array: Tilt-angle or ground mount

Temperature Data

Select the **coldest** expected temperature when sunlight will be on the modules	Select the **hottest** expected temperature when sunlight will be on the modules	**Imperial** units	**Metric** units
-22 °F	86 °F	◉	○

Results

1 string configurations	2 string configurations	3 string configurations	4 string configurations
4 in series 5 in series 6 in series	4 in series 5 in series 6 in series	4 in series 5 in series	4 in series

* Some derating possible   ** Some derating likely with out adequate air flow   *** Install a Sunny Breeze Kit to prevent derating

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