



Make It Solar; Science Fair Projects

www.makeitsolar.com

Worksheet: Solar Cells: Series & Parallel Circuits

Circuit	Solar Cell Output (DC volts (V))	Solar Cell Output (DC amps (A))
Single Solar Cell	=?	=?
Multiply single solar cell readings by 2	=?	=?
Series Solar Cells (2)	=?	=?
Parallel Solar Cells (2)	=?	=?

If power is in watts (W) and is calculated by multiplying $V \times A = W$:

What is the power of the single solar cell?

What is the power of the solar cells in series?

What is the power of the solar cells in parallel?