



# Make It Solar; Science Fair Projects

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## Worksheet: Solar Cells: Series & Parallel Circuits

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

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?