



Solar panels and load power ratio





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ALR compares the energy collected through the system to the total system load by dividing energy in by energy-out. This ratio is usually calculated using insolation values of a ...

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The DC and AC Ratio (also called Inverter Loading Ratio - ILR) is the ratio between the total installed DC capacity of solar panels and the AC capacity of the inverter.



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A general rule of thumb for pairing inverters and panels is ~ 1.2 DC/AC wattage ratio. DC is the STC watt rating of the panels, and AC is the max continuous power output.

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