

# How is power factor calculated?

We calculate power factor off of real power (P) and apparent power (S). Where  $pf = P/S$ . Real power is calculated from the product of the Instantaneous Voltage and Current. Apparent power is calculated from the product of the RMS values for Voltage and Current.

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Please visit [kb.egauge.net](http://kb.egauge.net) for the most up-to-date documentation.