

SolaHD Technical Support: "Question of the Week"

Hello, I'm Joey and here is my first contribution to the "Question of the Week".



Question:

How do you properly size a UPS?

Answer:

Equipment nameplate ratings are often in VA, which makes it difficult to know the Watt ratings. If using equipment nameplate ratings for sizing, a user might configure a system, which appears to be correctly sized based on VA ratings but in many cases may exceed the UPS Watt ratings.

When sizing a UPS, and the load watt rating is unknown, the load VA rating should no greater than 70% of the UPS VA rating. Therefore, unless you have high certainty of the Watt ratings of the loads, the safest approach is to keep the sum of the load nameplate ratings below 70% of the UPS VA rating. Note that this conservative sizing approach may result to an oversized UPS.

Please feel free to contact me at 800-377-4384 (option 2) if you have any questions or comments regarding this message or any SolaHD products. I look forward to hearing from you.

[Joey Hidalgo](#)