

- No mention is made anywhere about whether reported power factor is lagging (inductive load) or leading (capacitive load). From what I know of computer power supplies, I would expect data will show leading power factors. Poor power factor in either form increases the I^2R loss in a building circuit, so from an energy conservation perspective it makes little difference. But en masse these distinctions become more prominent to facilities engineers (my part of the industry), as they can have effect on generator-driven systems. Since the procedure for measuring power factor at all will yield whether it is leading or lagging, it would be easy to include in a power supply data sheet. (There isn't a reporting requirement limiting one form different from another, e.g. pf range 0.85 lag to 0.70 lead; from an energy consumption point of view the poorer number should be reported.)

Thanks,

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