The Inside Story on Power Supplies.

Turbo-Cool® 510

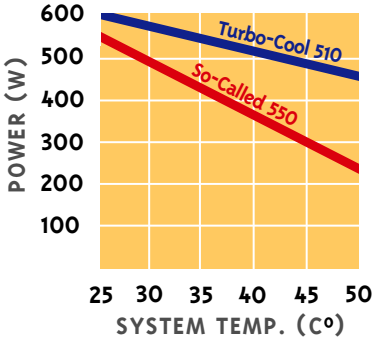
So-Called 550

Power @ 25°C:	**600W**	**550W**	Rating requires room temp. < 60°F
Power @ 40°C:	**510W**	**366W**	40°C is the temp. inside a typical PC
Power @ 50°C:	**460W**	**244W**	50°C is the spec for an industrial PC
+12V Output:	**34A**	**24A**	Powers the processor(s) and drives
Regulation:	**1%**	**5%**	T-C 510 is independently regulated
System Cooling:	**44 cfm**	**40 cfm**	Tests show "550's" 2nd fan is ineffective
Active PFC:	**Yes**	**No**	Continuous range line conditioning
Voltage Pots:	**Yes**	**No**	Adjustments for system imbalance
Intel Approved:	**Yes**	**No**	Turbo-Cool 510 tops Intel's ATX12V list
Warranty:	**5-Years**	**1-Year**	Reliability and longevity indicator

Turbo-Cool® 510 is the Expert's Choice.

Turbo-Cool power supplies have powered Maximum PC's Dream Machines for the last five years and are recommended by motherboard manufacturers such as Asus, SuperMicro, Tyan, and Intel.

Don't be Mislead by Wattage Claims!



*Even though the ambient temp. inside a loaded PC is at least 40°C (104°F), most manufacturers unrealistically assume 25°C (77°F) in order to exaggerate their wattage claims. Since the proper full-load rating is 15°C higher, these power supplies produce **33% less power** than their advertised ratings as shown on the derating chart.*

Turbo-Cool 510 derating spec: *full load @ 40°C, decrease to 90% load @ 50°C.*
So-Called 550 manufacturer's spec: *full load @ 25°C, decrease to no load @ 70°C.*

PC POWER & COOLING, INC.

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