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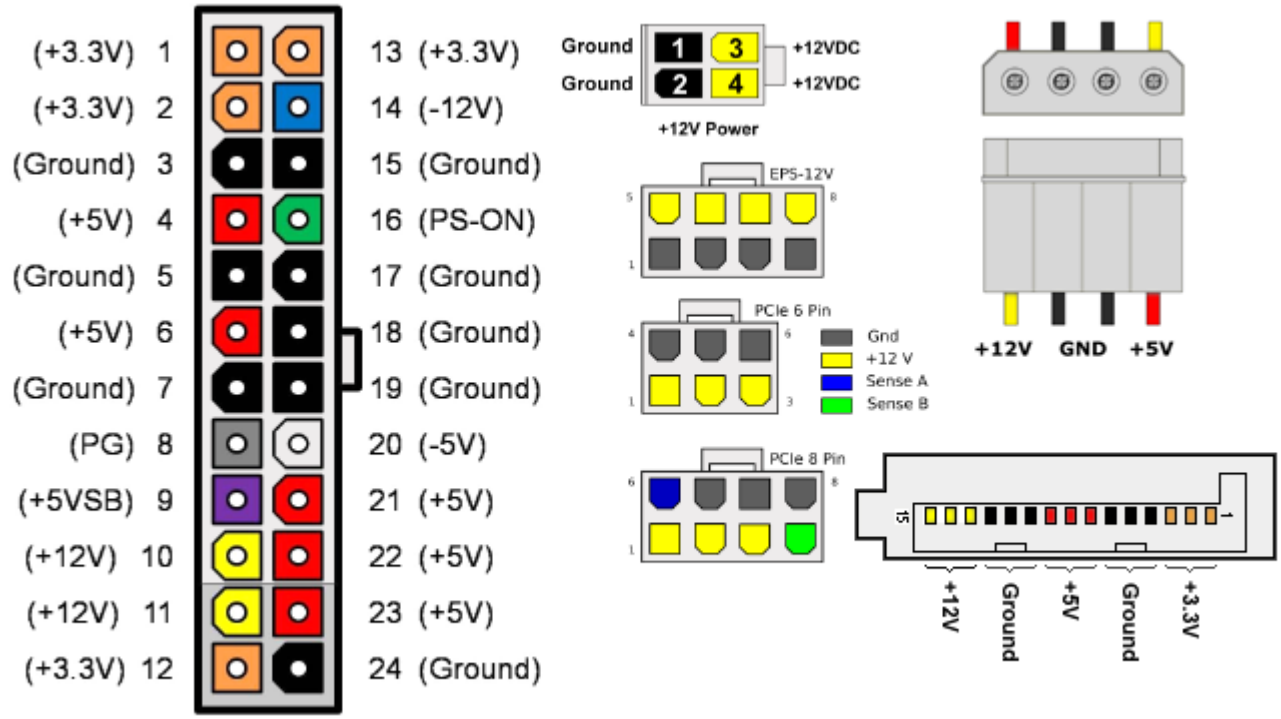
ATX Specification

Voltage	Tolerance	Minimum Voltage	Maximum Voltage
+3.3VDC	± 5%	+3.135 VDC	+3.465 VDC
+5VDC	± 5%	+4.750 VDC	+5.250 VDC
+5VSB	± 5%	+4.750 VDC	+5.250 VDC
-5VDC	± 10%	-4.500 VDC	-5.500 VDC
+12VDC	± 5%	+11.400 VDC	+12.600 VDC
-12VDC	± 10%	-10.800 VDC	-13.200 VDC



FSP Saga 450	20%	50%	80 %	100 %
Output	84.1W	203W	321W	399W
Input	97W	235W	382W	486W
Efficienty	87%	86%	84%	82%

ATX Tester

China made with LCD display

		Normal Voltage range		Display Voltage range	
Name	Type	Lower	Higher	Min.	Max.
+5V	5.0V	+4.75V	+5.25V	+4.0V	+6.0V
-12V	-12V	-11V	-13V	-10V	-14V
+12V1	12V	+11V	+13V	+10V	+14V
+12V2	12V	+11V	+13V	+10V	+14V
+3.3V	3.3V	+3.14V	+3.47V	+2.0V	+4.5V
+5VSB	5V	+4.75V	+5.25V	+4.0V	+6.0V
PG	PowerGood	100ms	900ms	0ms	990ms

Green and red connectors must be connected separately, because tester can measure only one connector at a time.

Voltage indicator (± 0.1V)
LL - Low Level or not connected
HL - High Level (Max display range)
As you can see this is not exactly ATX specs.
The voltage level “+12V2” refers to the P4/P6/P8 connector only It can measure only one connector at a time.
When a 5.25“ or 3.5” or SATA connection is made, only the +12V/+5V/+3.3V indicator lights (+3.3V only for SATA) will light to show a correct voltage input.