



Power Supply and Cooling Datasheets

9 power supply and cooling models

Rated and peak power, per-rail maximum and minimum load, voltage regulation, ripple and noise, mechanical envelope and power factor correction for every power supply, plus the full RGB fan datasheets with speed, airflow, static pressure and acoustic noise.

Manufacturing since	2012
Export markets	50+ countries
Plants	2 joint venture, 600,000 m2
Certification	ISO 9001:2000, ISO 14001:2004, CE
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All figures in this document are the factory specification for each model. Where the factory does not publish a figure it is omitted rather than estimated. Minimum order quantity and lead time depend on colour, packing and tooling and are confirmed per order.

ATX Power Supplies

Standard ATX and Micro ATX switching supplies from 200W to 600W for desktop and office builds.

Micro ATX 200W 230W 250W Computer Power Supply

Model Micro ATX 200W 230W 250W | ATX Power Supplies | ulike-tech.com/products/micro-atx-200w-230w-250w.html

Micro ATX 200W 230W 250W Computer Power Supply is a switching power supply rated at 250W with a peak output of 350W. It carries the +12V +5V +3.3V -12V +5VSB rail set and accepts 230VAC (180-264VAC)/115VAC(90-132VAC)(8cm fan) 230VAC(180-264VAC)(12cm fan) input. Mechanically it is 150x86x140mm (WxHxL), 8cm Fan 150x86x140mm (WxHxL), 12cm Fan. Power factor correction is without.



Input Voltage	230VAC (180-264VAC)/115VAC(90-132VAC)(8cm fan) 230VAC(180-264VAC)(12cm fan)
Rated Power	250W
Peak Power	350W
Output Rails	+12V +5V +3.3V -12V +5VSB
Max Load	19.0A 15.0A 21.0A 0.5A 2.5A
Min Load	0.6A 0.2A 0.1A 0.0A 0.0A
Voltage Regulation	±5% ±5% ±5% ±10% ±5%
Ripple and Noise	120mV 50mV 50mV 120mV 50mV
Dimensions	150x86x140mm (WxHxL), 8cm Fan 150x86x140mm (WxHxL), 12cm Fan
PFC Type	without

ATX 200W 230W 250W Computer Power Supply

Model ATX 200W 230W 250W | ATX Power Supplies | ulike-tech.com/products/atx-power-supply-200w-230w-250w.html

ATX 200W 230W 250W Computer Power Supply is a switching power supply rated at 250W with a peak output of 350W. It carries the +12V +5V +3.3V -12V +5VSB rail set and accepts 230VAC (180-264VAC)/115VAC(90-132VAC)(8cm fan) 230VAC(180-264VAC)(12cm fan) input. Mechanically it is 150x86x140mm (WxHxL), 8cm Fan 150x86x140mm (WxHxL), 12cm Fan. Power factor correction is without.



Input Voltage	230VAC (180-264VAC)/115VAC(90-132VAC)(8cm fan) 230VAC(180-264VAC)(12cm fan)
Rated Power	250W
Peak Power	350W
Output Rails	+12V +5V +3.3V -12V +5VSB
Max Load	19.0A 15.0A 21.0A 0.5A 2.5A
Min Load	0.6A 0.2A 0.1A 0.0A 0.0A
Voltage Regulation	±5% ±5% ±5% ±10% ±5%
Ripple and Noise	120mV 50mV 50mV 120mV 50mV
Dimensions	150x86x140mm (WxHxL), 8cm Fan 150x86x140mm (WxHxL), 12cm Fan
PFC Type	without

80 PLUS Power Supplies

Higher efficiency ATX supplies in the 300W to 1000W range, including modular units.

ATX 300W 350W 400W 80 PLUS Computer Power Supply

Model ATX 300W 350W 400W | 80 PLUS Power Supplies | ulike-tech.com/products/atx-power-supply-300w.html

ATX 300W 350W 400W 80 PLUS Computer Power Supply is a switching power supply rated at 300W with a peak output of 400W. It carries the +3.3V +5V +12V1 +12V2 -12V +5VSB rail set and accepts 230VAC (180-264VAC) input. Mechanically it is 150x86x140mm (WxHxL), 12cm Fan. Power factor correction is PPFC.



Input Voltage	230VAC (180-264VAC)
Rated Power	300W
Peak Power	400W
Output Rails	+3.3V +5V +12V1 +12V2 -12V +5VSB
Max Load	21.0A 15.0A 13.0A 13.0A 0.3A 2.5A
Min Load	0.5A 0.3A 1.0A 1.0A 0.0A 0.0A
Voltage Regulation	±5% ±5% ±5% ±5% ±10% ±5%
Ripple and Noise	50mV 50mV 120mV 120mV 120mV 50mV
Dimensions	150x86x140mm (WxHxL), 12cm Fan
PFC Type	PPFC

ATX 450W 500W 550W 600W 80 PLUS Computer Power Supply

Model ATX 450W 500W 550W 600W | 80 PLUS Power Supplies | ulike-tech.com/products/atx-power-supply-atx-450w-500w-550w-600w.html

ATX 450W 500W 550W 600W 80 PLUS Computer Power Supply is a switching power supply rated at 450W with a peak output of 550W. It carries the +3.3V +5V +12V1 +12V2 -12V +5VSB rail set and accepts 230VAC (180-264VAC)/ 115VAC (90-132VAC) input. Mechanically it is 150x86x160mm (WxHxL), 14cm Fan. Power factor correction is without PFC.



Input Voltage	230VAC (180-264VAC)/ 115VAC (90-132VAC)
Rated Power	450W
Peak Power	550W
Output Rails	+3.3V +5V +12V1 +12V2 -12V +5VSB
Max Load	25.0A 20.0A 18.0A 18.0A 0.3A 2.5A
Min Load	0.3A 0.5A 1.0A 1.0A 0.0A 0.0A
Voltage Regulation	±5% ±5% ±5% ±5% ±10% ±5%
Ripple and Noise	50mV 50mV 120mV 120mV 120mV 50mV
Dimensions	150x86x160mm (WxHxL), 14cm Fan
PFC Type	without PFC

ATX 700W 800W 900W 1000W 80 PLUS Modular Computer Power Supply

Model ATX1000W 900W 800W 700W | 80 PLUS Power Supplies | ulike-tech.com/products/atx-power-supply-1000w-900w-800w-700w.html

ATX 700W 800W 900W 1000W 80 PLUS Modular Computer Power Supply is a switching power supply rated at TBC. It carries the 100-240VAC Output 700W Voltage +3.3V +5V +12V1 +12V2 +12V3 +12V4 +12V5 -12V +5VSB rail set. Mechanically it is 150 x 86 x 160mm (W x H x L), 14cm fan. Power factor correction is APFC.



Output Rails	100-240VAC Output 700W Voltage +3.3V +5V +12V1 +12V2 +12V3 +12V4 +12V5 -12V +5VSB
Max Load	24.0A 32.0A 16.0A 16.0A 16.0A 18.0A 18.0A 0.5A 3.0A
Min Load	0.8A 0.5A 0.0A 0.0A 0.9A 0.1A 0.0A 0.0A 0.1A
Voltage Regulation	±5% ±5% ±3% ±3% ±3% ±3% ±3% ±10% ±3%
Ripple and Noise	50mV 50mV 120mV 120mV 120mV 120mV 120mV 120mV 50mV
Dimensions	150 x 86 x 160mm (W x H x L), 14cm fan
PFC Type	APFC

1U 2U Flex Power Supplies

Flex ATX and TFX form factor supplies from 200W to 250W for 1U, 2U and slim chassis.

TFX 200W 230W 250W Power Supply for 1U and 2U Chassis

Model TFX 1U 2U 200W 230W 250W | 1U 2U Flex Power Supplies | ulike-tech.com/products/tfx-1u-2u-200w-230w-250w.html

TFX 200W 230W 250W Power Supply for 1U and 2U Chassis is a switching power supply rated at 250W with a peak output of 350W. It carries the +12V +5V +3.3V -12V +5VSB rail set and accepts 230VAC (180-264VAC)/115VAC(90-132VAC)(8cm fan) 230VAC(180-264VAC)(12cm fan) input. Mechanically it is 150x86x140mm (WxHxL), 8cm Fan 150x86x140mm (WxHxL), 12cm Fan. Power factor correction is without.



Input Voltage	230VAC (180-264VAC)/115VAC(90-132VAC)(8cm fan) 230VAC(180-264VAC)(12cm fan)
Rated Power	250W
Peak Power	350W
Output Rails	+12V +5V +3.3V -12V +5VSB
Max Load	19.0A 15.0A 21.0A 0.5A 2.5A
Min Load	0.6A 0.2A 0.1A 0.0A 0.0A
Voltage Regulation	±5% ±5% ±5% ±10% ±5%
Ripple and Noise	120mV 50mV 50mV 120mV 50mV
Dimensions	150x86x140mm (WxHxL), 8cm Fan 150x86x140mm (WxHxL), 12cm Fan
PFC Type	without

Flex ATX 200W 230W 250W Power Supply for 1U and 2U Chassis

Model FLex 1U 2U 200W 230W 250W | 1U 2U Flex Power Supplies | ulike-tech.com/products/flex-tfx-1u-2u-200w-230w-250w.html

Flex ATX 200W 230W 250W Power Supply for 1U and 2U Chassis is a switching power supply rated at 250W with a peak output of 350W. It carries the +12V +5V +3.3V -12V +5VSB rail set and accepts 230VAC (180-264VAC)/115VAC(90-132VAC)(8cm fan) 230VAC(180-264VAC)(12cm fan) input. Mechanically it is 150x86x140mm (WxHxL), 8cm Fan 150x86x140mm (WxHxL), 12cm Fan. Power factor correction is without.



Input Voltage	230VAC (180-264VAC)/115VAC(90-132VAC)(8cm fan) 230VAC(180-264VAC)(12cm fan)
Rated Power	250W
Peak Power	350W
Output Rails	+12V +5V +3.3V -12V +5VSB
Max Load	19.0A 15.0A 21.0A 0.5A 2.5A
Min Load	0.6A 0.2A 0.1A 0.0A 0.0A
Voltage Regulation	±5% ±5% ±5% ±10% ±5%
Ripple and Noise	120mV 50mV 50mV 120mV 50mV
Dimensions	150x86x140mm (WxHxL), 8cm Fan 150x86x140mm (WxHxL), 12cm Fan
PFC Type	without

RGB Fans

120 mm hydraulic bearing RGB case fans with published airflow, noise and voltage figures.

Model F2 120mm RGB Case Fan

Model F2 | RGB Fans | ulike-tech.com/products/rgb-fan-f2.html

Model F2 120mm RGB Case Fan is a 120*120*25mm case fan on a hydraulic bearing, rated DC 12V and turning at 1100±10%RPM. It moves 35.85CFM(ft/min) at 1.26mm-HO static pressure with an average noise level of AVG ≤23.5dB(A). The – Big 4P L=430mm lead connects to a standard header.



Model No	RGB F2
Model Name	RGB single strip RGB fan
Dimension	120*120*25mm
Bearing Type	Hydraulic
Rated Voltage	DC 12V
Operating Voltage	DC 5V-13.8V
Start-up Voltage	DC 5V
Input Current	0.18±20%A
Input Power	2.4W
Speed	1100±10%RPM
Max Air Flow	35.85CFM(ft/min)
Max Air Pressure	1.26mm-HO
Acoustic Noise	AVG ≤23.5dB(A)
Lead Wire	– Big 4P L=430mm
Operating Temperature	10°C~70°C/66%(RH)
Colour Box Size	122*26*140mm
Outer Carton Size	(for 96pcs) 460*295*385mm

Model F1 120mm RGB Case Fan

Model F1 | RGB Fans | ulike-tech.com/products/rgb-fan.html

Model F1 120mm RGB Case Fan is a 120*120*25mm case fan on a hydraulic bearing, rated DC 12V and turning at 1100±10%RPM. It moves 35.85CFM(ft/min) at 1.26mm-HO static pressure with an average noise level of AVG <=23.5dB(A). The – Big 4P L=430mm lead connects to a standard header.



Model No	RGB F1
Model Name	RGB single strip RGB fan
Dimension	120*120*25mm
Bearing Type	Hydraulic
Rated Voltage	DC 12V
Operating Voltage	DC 5V-13.8V
Start-up Voltage	DC 5V
Input Current	0.18±20%A
Input Power	2.4W
Speed	1100±10%RPM
Max Air Flow	35.85CFM(ft/min)
Max Air Pressure	1.26mm-HO
Acoustic Noise	AVG <=23.5dB(A)
Lead Wire	– Big 4P L=430mm
Operating Temperature	10°C~70°C/66%(RH)
Colour Box Size	122*26*140mm
Outer Carton Size	(for 96pcs) 460*295*385mm